

Table 1. Total Energy Supply and Disposition Summary (Quadrillion Btu per Year, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Production																										
Crude Oil & Lease Condensate	13.69	13.65	13.57	13.39	13.31	13.13	12.79	12.57	12.38	12.27	12.20	12.08	11.97	11.86	11.75	11.64	11.55	11.44	11.29	11.15	11.01	10.86	10.71	10.52	10.31	-1.2%
Natural Gas Plant Liquids	2.60	2.57	2.55	2.58	2.53	2.58	2.61	2.65	2.67	2.69	2.73	2.76	2.81	2.84	2.87	2.90	2.94	2.97	3.01	3.06	3.09	3.12	3.14	3.16	3.17	0.9%
Dry Natural Gas	19.32	19.47	19.33	19.67	19.69	20.14	20.44	20.86	21.02	21.28	21.67	21.94	22.31	22.58	22.89	23.18	23.55	23.85	24.16	24.64	24.92	25.20	25.36	25.53	25.63	1.2%
Coal	22.75	23.33	23.80	24.37	24.56	24.77	24.87	24.93	24.75	24.79	24.92	25.19	25.24	25.24	25.41	25.50	25.56	25.67	25.88	26.04	26.10	26.19	26.33	26.46	26.49	0.6%
Nuclear Power	7.20	6.71	6.91	7.03	7.04	7.08	7.08	6.96	6.82	6.70	6.44	6.26	6.08	6.00	5.88	5.64	5.49	5.29	4.87	4.38	4.21	3.91	3.75	3.67	3.65	-2.6%
Renewable Energy 1/	6.81	6.82	6.69	6.50	6.77	6.85	6.90	6.92	6.95	7.01	7.04	7.09	7.15	7.21	7.24	7.25	7.33	7.34	7.38	7.43	7.47	7.51	7.55	7.58	7.64	0.5%
Other 2/	1.28	0.66	0.91	1.29	0.53	0.54	0.53	0.53	0.54	0.54	0.56	0.57	0.55	0.60	0.51	0.48	0.48	0.50	0.49	0.57	0.50	0.50	0.54	0.50	0.50	-1.2%
Total	73.66	73.22	73.77	74.83	74.43	75.10	75.21	75.43	75.12	75.28	75.57	75.91	76.10	76.34	76.54	76.59	76.91	77.07	77.09	77.28	77.30	77.30	77.38	77.42	77.39	0.2%
Imports																										
Crude Oil 3/	16.31	17.86	18.35	18.45	19.42	19.66	20.32	20.56	20.89	21.04	21.42	21.74	22.11	22.34	22.76	22.93	23.30	23.51	23.79	24.01	24.24	24.40	24.50	24.63	24.81	1.4%
Petroleum Products 4/	3.98	3.89	3.51	3.69	5.25	5.50	5.43	5.56	5.63	5.98	6.02	6.16	6.41	6.53	6.67	6.77	6.64	6.66	6.73	6.78	6.93	7.08	7.22	7.44	7.58	2.9%
Natural Gas	3.00	3.06	3.15	3.41	3.53	3.63	3.62	3.63	3.75	3.85	4.01	4.14	4.30	4.39	4.50	4.62	4.70	4.77	4.87	4.91	4.95	5.02	5.05	5.08	5.11	2.3%
Other Imports 5/	0.57	0.54	0.63	0.55	0.72	0.72	0.71	0.68	0.69	0.67	0.68	0.68	0.67	0.67	0.66	0.66	0.65	0.65	0.64	0.66	0.66	0.66	0.66	0.66	0.66	0.9%
Total	23.85	25.34	25.64	26.11	28.92	29.51	30.08	30.44	30.96	31.54	32.13	32.73	33.49	33.93	34.60	34.98	35.30	35.59	36.04	36.36	36.78	37.15	37.43	37.82	38.16	1.8%
Exports																										
Petroleum 6/	2.04	2.09	1.94	2.00	2.03	1.99	1.99	1.99	2.00	2.02	2.02	2.01	2.02	2.04	2.01	1.97	1.95	1.92	1.90	1.90	1.90	1.89	1.89	1.86	1.86	-0.5%
Natural Gas	0.16	0.16	0.17	0.18	0.19	0.19	0.19	0.20	0.21	0.21	0.22	0.22	0.23	0.23	0.24	0.24	0.25	0.25	0.26	0.27	0.27	0.28	0.29	0.31	0.32	3.1%
Coal	2.37	2.19	2.11	2.12	2.13	2.16	2.20	2.21	2.21	2.21	2.26	2.26	2.26	2.27	2.27	2.28	2.28	2.29	2.30	2.31	2.32	2.33	2.34	2.35	2.36	0.3%
Total	4.57	4.44	4.23	4.30	4.35	4.34	4.39	4.40	4.42	4.44	4.50	4.49	4.51	4.53	4.52	4.48	4.47	4.46	4.46	4.47	4.49	4.51	4.52	4.52	4.54	0.1%
Discrepancy 7/	0.68	-0.08	-0.56	0.28	-0.24	-0.27	-0.32	-0.41	-0.36	-0.40	-0.38	-0.39	-0.43	-0.29	-0.45	-0.41	-0.48	-0.53	-0.50	-0.43	-0.52	-0.52	-0.47	-0.53	-0.54	N/A
Consumption																										
Petroleum Products 8/	36.03	36.49	36.99	37.67	38.78	39.18	39.39	39.58	39.74	40.14	40.55	40.96	41.43	41.76	42.16	42.34	42.53	42.69	42.91	43.20	43.36	43.53	43.72	43.87	43.98	0.8%
Natural Gas	22.59	22.59	21.93	22.99	23.02	23.55	23.85	24.23	24.52	24.87	25.43	25.81	26.33	26.70	27.05	27.45	27.91	28.28	28.68	29.20	29.51	29.84	30.03	30.23	30.33	1.3%
Coal	20.60	21.09	21.73	22.42	22.68	22.87	22.92	22.96	22.85	22.87	22.96	23.24	23.27	23.37	23.44	23.59	23.61	23.69	23.95	24.14	24.14	24.24	24.39	24.46	24.48	0.6%
Nuclear Power	7.20	6.71	6.91	7.03	7.04	7.08	7.08	6.96	6.82	6.70	6.44	6.26	6.08	6.00	5.88	5.64	5.49	5.29	4.87	4.38	4.21	3.91	3.75	3.67	3.65	-2.6%
Renewable Energy 1/	6.81	6.82	6.70	6.51	6.77	6.86	6.90	6.92	6.96	7.01	7.05	7.10	7.16	7.22	7.25	7.26	7.34	7.35	7.39	7.44	7.48	7.52	7.56	7.60	7.65	0.5%
Other 9/	0.39	0.33	0.36	0.31	0.46	0.46	0.44	0.41	0.41	0.39	0.39	0.40	0.39	0.39	0.39	0.38	0.37	0.37	0.36	0.37	0.37	0.37	0.38	0.38	0.38	0.5%
Total	93.63	94.04	94.62	96.93	98.76	99.99	100.58	101.06	101.30	101.98	102.83	103.77	104.65	105.44	106.17	106.67	107.25	107.67	108.17	108.73	109.07	109.42	109.82	110.19	110.47	0.7%
Net Imports - Petroleum	18.25	19.65	19.91	20.15	22.64	23.17	23.76	24.14	24.52	25.00	25.42	25.90	26.50	26.83	27.42	27.74	28.00	28.25	28.62	28.89	29.27	29.58	29.83	30.21	30.53	1.9%
Prices (1997 dollars per unit)																										
World Oil Price (\$ per bbl) 10/	21.01	18.55	12.35	13.19	13.85	15.04	16.02	17.21	18.09	18.89	19.75	20.44	20.54	20.62	20.70	20.79	20.88	20.95	21.00	21.07	21.15	21.26	21.38	21.50	21.66	0.7%
Gas Wellhead Price(\$/ Mcf) 11/	2.28	2.23	1.96	2.09	2.09	2.13	2.15	2.18	2.18	2.20	2.24	2.27	2.28	2.28	2.29	2.29	2.29	2.29	2.29	2.30	2.30	2.30	2.30	2.30	2.29	0.1%
Coal Minemouth Price (\$ / ton)	18.85	18.14	17.50	17.04	16.54	16.12	15.75	15.43	15.15	14.90	14.58	14.37	14.14	14.01	13.88	13.57	13.41	13.23	13.12	12.98	12.91	12.82	12.71	12.61	12.47	-1.6%
Aver. Electricity (cents / Kwh)	6.9	6.9	6.7	6.6	6.5	6.4	6.2	6.2	6.2	6.1	6.0	5.9	5.8	5.8	5.7	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2	5.1	5.1	-1.3%

Table 1. Total Energy Supply and Disposition Summary Notes

1/ Includes grid-connected electricity from conventional hydroelectric; wood and wood waste; landfill gas; municipal solid waste; other biomass; wind; photovoltaic and solar thermal sources; non-electric energy from renewable sources, such as active and passive solar systems, and wood; and both the ethanol and gasoline components of E85, but not the ethanol components of blends less than 85 percent. Excludes electricity imports using renewable sources and nonmarketed renewable energy. See Table 18 for selected nonmarketed residential and commercial renewable energy.

2/ Includes liquid hydrogen, methanol, supplemental natural gas, and some domestic inputs to refineries.

3/ Includes imports of crude oil for the Strategic Petroleum Reserve.

4/ Includes imports of finished petroleum products, imports of unfinished oils, alcohols, ethers, and blending components.

5/ Includes coal, coal coke (net), and electricity (net).

6/ Includes crude oil and petroleum products.

7/ Balancing item. Includes unaccounted for supply, losses, gains, and net storage withdrawals.

8/ Includes natural gas plant liquids, crude oil consumed as a fuel, and nonpetroleum based liquids for blending, such as ethanol.

9/ Includes net electricity imports, methanol, and liquid hydrogen.

10/ Average refiner acquisition cost for imported crude oil.

11/ Represents lower 48 onshore and offshore supplies.

Btu = British thermal unit.

Mcf = Thousand cubic feet.

Kwh = Kilowatthour.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Figures for 1996 and 1997 may differ from published data due to internal conversion factors.

Sources: 1996 natural gas values: Energy Information Administration (EIA), Natural Gas Annual 1996, DOE/EIA-0131(96) (Washington, DC, September 1997). 1996 coal minemouth prices: EIA, Coal Industry Annual 1996, DOE/EIA-0584(96) (Washington, DC, November 1997). Other 1996 values: EIA, Annual Energy Review 1997, DOE/EIA-0384(97) (Washington, DC, July 1998). 1997 natural gas values: EIA, Natural Gas Monthly, DOE/EIA-0130(98/06) (Washington, DC, June 1998). 1997 coal minemouth price: Coal Industry Annual 1997, DOE/EIA-0584(97) (Washington, DC, November 1998). Coal production and exports derived from: EIA, Monthly Energy Review, DOE/EIA-0035(98/08) (Washington, DC, August 1998). Other 1997 values: EIA, Annual Energy Review 1997, DOE/EIA-0384(97) (Washington, DC, July 1998). Projections: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A.

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Energy Consumption																										
Residential																										
Distillate Fuel	0.93	0.94	0.87	0.89	0.87	0.85	0.83	0.82	0.80	0.78	0.77	0.76	0.75	0.74	0.73	0.72	0.71	0.70	0.70	0.69	0.69	0.68	0.67	0.66	0.65	-1.6%
Kerosene	0.09	0.09	0.09	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.06	-1.5%
Liquefied Petroleum Gas	0.43	0.43	0.42	0.43	0.44	0.44	0.44	0.44	0.43	0.43	0.42	0.42	0.42	0.42	0.42	0.41	0.41	0.41	0.41	0.41	0.40	0.40	0.40	0.39	0.39	-0.4%
Petroleum Subtotal	1.44	1.47	1.39	1.40	1.38	1.36	1.35	1.32	1.31	1.28	1.26	1.24	1.24	1.22	1.21	1.20	1.19	1.18	1.17	1.16	1.15	1.14	1.13	1.12	1.11	-1.2%
Natural Gas	5.38	5.15	4.75	5.18	5.19	5.17	5.17	5.18	5.21	5.20	5.22	5.23	5.27	5.28	5.31	5.34	5.39	5.41	5.45	5.47	5.50	5.50	5.52	5.53	5.56	0.3%
Coal	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	-0.5%
Renewable Energy 1/ Electricity	0.61	0.60	0.57	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.62	0.1%
Delivered Energy	11.18	10.92	10.53	11.13	11.23	11.28	11.31	11.34	11.38	11.38	11.41	11.45	11.54	11.56	11.62	11.71	11.83	11.88	11.96	12.03	12.13	12.15	12.22	12.29	12.38	0.5%
Electricity Related Losses	8.07	8.07	8.32	8.57	8.76	8.96	8.93	8.92	8.82	8.80	8.78	8.82	8.87	8.91	8.93	8.99	9.06	9.07	9.10	9.12	9.18	9.20	9.27	9.35	9.43	0.7%
Total	19.25	18.99	18.85	19.70	19.98	20.24	20.25	20.25	20.20	20.17	20.18	20.27	20.41	20.47	20.55	20.71	20.89	20.95	21.06	21.14	21.31	21.35	21.48	21.64	21.81	0.6%
Commercial																										
Distillate Fuel	0.48	0.49	0.37	0.37	0.38	0.38	0.37	0.37	0.36	0.36	0.35	0.34	0.34	0.34	0.34	0.34	0.33	0.33	0.33	0.33	0.32	0.32	0.32	0.31	0.31	-2.0%
Residual Fuel	0.14	0.11	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	-1.1%
Kerosene	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	-0.5%
Liquefied Petroleum Gas	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.5%
Motor Gasoline 2/ Petroleum Subtotal	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	-0.3%
Natural Gas	3.24	3.37	3.22	3.53	3.54	3.56	3.58	3.60	3.62	3.64	3.66	3.68	3.71	3.73	3.75	3.78	3.80	3.82	3.83	3.84	3.84	3.84	3.84	3.83	3.82	0.5%
Coal	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.6%
Renewable Energy 3/ Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.8%
Delivered Energy	7.42	7.63	7.45	7.82	7.91	7.99	8.06	8.12	8.18	8.25	8.30	8.37	8.45	8.52	8.60	8.68	8.75	8.81	8.86	8.90	8.93	8.95	8.96	8.98	8.97	0.7%
Electricity Related Losses	7.31	7.59	7.81	7.97	8.07	8.19	8.20	8.21	8.14	8.17	8.18	8.25	8.29	8.37	8.41	8.46	8.49	8.51	8.51	8.49	8.47	8.47	8.48	8.48	8.46	0.5%
Total	14.73	15.22	15.26	15.79	15.98	16.17	16.25	16.33	16.32	16.42	16.48	16.62	16.74	16.89	17.01	17.14	17.24	17.32	17.37	17.39	17.40	17.42	17.44	17.46	17.44	0.6%

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Industrial 4/																										
Distillate Fuel	1.11	1.13	1.11	1.12	1.14	1.15	1.16	1.17	1.19	1.21	1.22	1.23	1.24	1.26	1.27	1.27	1.28	1.28	1.29	1.31	1.31	1.31	1.32	1.33	1.33	0.7%
Liquefied Petroleum Gas	2.14	2.14	2.10	2.13	2.14	2.16	2.17	2.16	2.16	2.18	2.19	2.21	2.22	2.23	2.25	2.25	2.26	2.26	2.27	2.29	2.28	2.29	2.30	2.30	2.29	0.3%
Petrochemical Feedstocks	1.28	1.46	1.44	1.46	1.46	1.46	1.44	1.41	1.38	1.36	1.38	1.38	1.39	1.40	1.40	1.41	1.41	1.41	1.42	1.42	1.42	1.42	1.42	1.42	1.42	-0.1%
Residual Fuel	0.30	0.28	0.27	0.27	0.29	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30	0.30	0.31	0.31	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.3%
Motor Gasoline 2/	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.26	1.0%
Other Petroleum 5/	4.18	4.11	4.11	4.15	4.48	4.46	4.50	4.49	4.47	4.51	4.53	4.54	4.60	4.58	4.62	4.59	4.57	4.57	4.57	4.59	4.60	4.58	4.57	4.55	4.54	0.4%
Petroleum Subtotal	9.21	9.33	9.24	9.35	9.72	9.73	9.79	9.75	9.72	9.79	9.85	9.90	10.00	10.01	10.08	10.08	10.07	10.07	10.11	10.17	10.17	10.17	10.18	10.16	10.15	0.4%
Natural Gas 6/	10.06	9.92	10.00	10.23	10.26	10.39	10.43	10.45	10.51	10.50	10.60	10.70	10.73	10.83	10.88	10.91	10.99	11.06	11.11	11.20	11.23	11.30	11.33	11.37	11.40	0.6%
Metallurgical Coal	0.85	0.79	0.77	0.79	0.78	0.76	0.75	0.73	0.72	0.70	0.69	0.68	0.66	0.65	0.64	0.63	0.62	0.61	0.60	0.58	0.57	0.56	0.55	0.55	0.54	-1.7%
Steam Coal	1.57	1.56	1.54	1.58	1.55	1.55	1.55	1.54	1.53	1.52	1.54	1.55	1.55	1.55	1.56	1.55	1.55	1.55	1.55	1.54	1.54	1.54	1.54	1.54	1.54	-0.1%
Net Coal Coke Imports	0.00	0.02	0.10	0.08	0.09	0.11	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.18	10.6%
Coal Subtotal	2.42	2.36	2.40	2.44	2.41	2.42	2.41	2.40	2.38	2.37	2.38	2.38	2.37	2.36	2.35	2.34	2.33	2.32	2.32	2.30	2.30	2.29	2.28	2.27	2.25	-0.2%
Renewable Energy 7/	1.96	1.88	1.91	1.90	1.92	1.94	1.96	1.97	1.99	2.01	2.04	2.06	2.08	2.10	2.12	2.13	2.14	2.14	2.16	2.17	2.17	2.18	2.18	2.19	2.19	0.7%
Electricity	3.52	3.52	3.56	3.57	3.58	3.62	3.63	3.63	3.62	3.65	3.70	3.74	3.77	3.79	3.81	3.81	3.83	3.84	3.86	3.89	3.89	3.90	3.91	3.92	3.91	0.5%
Delivered Energy	27.17	27.01	27.11	27.49	27.90	28.10	28.22	28.21	28.21	28.31	28.56	28.77	28.95	29.10	29.24	29.27	29.36	29.43	29.55	29.74	29.77	29.85	29.89	29.90	29.90	0.4%
Electricity Related Losses	7.68	7.78	7.85	7.87	7.85	7.91	7.84	7.74	7.59	7.57	7.59	7.63	7.63	7.66	7.65	7.60	7.56	7.52	7.50	7.49	7.42	7.40	7.39	7.36	7.31	-0.3%
Total	34.85	34.79	34.95	35.36	35.75	36.02	36.05	35.95	35.80	35.88	36.16	36.41	36.58	36.76	36.89	36.86	36.91	36.95	37.05	37.23	37.19	37.25	37.28	37.26	37.21	0.3%
Transportation																										
Distillate Fuel 8/	4.55	4.64	4.97	5.04	5.12	5.20	5.26	5.32	5.37	5.44	5.50	5.56	5.61	5.66	5.70	5.73	5.75	5.78	5.81	5.86	5.88	5.90	5.92	5.95	5.96	1.1%
Jet Fuel 9/	3.27	3.31	3.28	3.37	3.77	3.84	3.92	4.00	4.11	4.21	4.34	4.45	4.58	4.69	4.79	4.87	4.96	5.04	5.13	5.21	5.30	5.38	5.47	5.54	5.60	2.3%
Motor Gasoline 2/	14.88	15.08	15.41	15.62	16.03	16.31	16.55	16.79	16.98	17.19	17.40	17.60	17.77	17.93	18.09	18.17	18.23	18.28	18.34	18.41	18.45	18.52	18.57	18.64	18.69	0.9%
Residual Fuel	0.90	0.75	0.61	0.72	0.74	0.76	0.78	0.80	0.83	0.85	0.88	0.91	0.93	0.96	0.99	1.01	1.04	1.06	1.08	1.11	1.13	1.15	1.18	1.20	1.22	2.2%
Liquefied Petroleum Gas	0.04	0.04	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.17	0.18	0.18	0.19	0.19	0.19	0.19	0.20	0.20	7.1%
Other Petroleum 10/	0.23	0.29	0.30	0.30	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.32	0.32	0.32	0.32	0.32	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.32	0.5%
Petroleum Subtotal	23.88	24.10	24.61	25.10	26.02	26.48	26.90	27.31	27.69	28.13	28.56	28.97	29.36	29.71	30.06	30.27	30.47	30.66	30.87	31.10	31.27	31.47	31.67	31.85	32.00	1.2%
Pipeline Fuel Natural Gas	0.73	0.73	0.73	0.73	0.74	0.75	0.77	0.79	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.86	0.87	0.88	0.89	0.91	0.92	0.92	0.93	0.93	0.93	1.1%
Compressed Natural Gas	0.01	0.01	0.02	0.04	0.06	0.09	0.11	0.13	0.16	0.18	0.19	0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.29	0.30	0.30	0.31	0.31	14.3%
Renewables (E85) 11/	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	23.1%
M85 12/	0.00	0.00	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	21.0%
Liquid Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Electricity	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.17	0.18	0.19	0.19	0.20	0.21	0.21	5.7%
Delivered Energy	24.68	24.91	25.43	25.95	26.91	27.42	27.89	28.36	28.80	29.29	29.77	30.22	30.66	31.04	31.43	31.66	31.90	32.11	32.35	32.62	32.81	33.03	33.25	33.44	33.61	1.3%
Electricity Related Losses	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.17	0.19	0.21	0.23	0.25	0.26	0.28	0.29	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.39	0.40	5.0%
Total	24.80	25.04	25.56	26.08	27.04	27.56	28.03	28.53	28.99	29.50	30.00	30.47	30.92	31.32	31.72	31.97	32.22	32.44	32.68	32.96	33.16	33.40	33.62	33.83	34.01	1.3%

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Delivered Energy Consumption All Sectors																										
Distillate Fuel	7.06	7.20	7.32	7.43	7.50	7.58	7.63	7.68	7.72	7.78	7.84	7.89	7.94	7.99	8.03	8.06	8.08	8.10	8.14	8.18	8.20	8.21	8.23	8.25	8.25	0.6%
Kerosene	0.15	0.15	0.15	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	-0.8%
Jet Fuel 9/	3.27	3.31	3.28	3.37	3.77	3.84	3.92	4.00	4.11	4.21	4.34	4.45	4.58	4.69	4.79	4.87	4.96	5.04	5.13	5.21	5.30	5.38	5.47	5.54	5.60	2.3%
Liquefied Petroleum Gas	2.68	2.69	2.64	2.69	2.71	2.74	2.76	2.77	2.78	2.80	2.83	2.85	2.88	2.89	2.91	2.92	2.93	2.93	2.95	2.97	2.96	2.97	2.97	2.97	2.97	0.4%
Motor Gasoline 2/	15.11	15.32	15.64	15.86	16.27	16.56	16.80	17.04	17.23	17.45	17.65	17.86	18.04	18.19	18.36	18.44	18.50	18.56	18.61	18.69	18.73	18.80	18.86	18.92	18.98	0.9%
Petrochemical Feedstocks	1.28	1.46	1.44	1.46	1.46	1.46	1.44	1.41	1.38	1.36	1.38	1.38	1.39	1.40	1.40	1.40	1.41	1.41	1.41	1.42	1.42	1.42	1.42	1.42	1.42	-0.1%
Residual Fuel	1.34	1.13	0.97	1.08	1.12	1.14	1.16	1.18	1.21	1.24	1.27	1.29	1.32	1.35	1.38	1.41	1.43	1.44	1.48	1.50	1.53	1.55	1.57	1.60	1.61	1.5%
Other Petroleum 13/	4.38	4.37	4.38	4.42	4.75	4.73	4.78	4.77	4.74	4.79	4.81	4.82	4.88	4.87	4.91	4.88	4.86	4.86	4.86	4.88	4.89	4.87	4.87	4.84	4.83	0.4%
Petroleum Subtotal	35.27	35.62	35.82	36.44	37.72	38.17	38.62	38.97	39.29	39.77	40.24	40.67	41.16	41.51	41.92	42.10	42.29	42.46	42.70	42.98	43.14	43.32	43.51	43.66	43.78	0.9%
Natural Gas 6/	19.43	19.19	18.72	19.71	19.78	19.96	20.05	20.15	20.29	20.32	20.50	20.65	20.77	20.93	21.04	21.15	21.32	21.44	21.56	21.70	21.78	21.86	21.92	21.97	22.03	0.6%
Metallurgical Coal	0.85	0.79	0.77	0.79	0.78	0.76	0.75	0.73	0.72	0.70	0.69	0.68	0.66	0.65	0.64	0.63	0.62	0.61	0.60	0.58	0.57	0.56	0.55	0.55	0.54	-1.7%
Steam Coal	1.71	1.69	1.69	1.72	1.69	1.70	1.69	1.69	1.68	1.67	1.68	1.69	1.70	1.70	1.70	1.70	1.69	1.70	1.70	1.69	1.69	1.69	1.69	1.68	1.68	-0.0%
Net Coal Coke Imports	0.00	0.02	0.10	0.08	0.09	0.11	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.18	10.6%
Coal Subtotal	2.56	2.50	2.55	2.59	2.56	2.57	2.55	2.54	2.52	2.51	2.52	2.52	2.52	2.51	2.50	2.48	2.47	2.47	2.47	2.45	2.44	2.43	2.42	2.41	2.40	-0.2%
Renewable Energy 14/	2.58	2.48	2.48	2.50	2.53	2.56	2.58	2.59	2.62	2.64	2.67	2.70	2.73	2.75	2.77	2.78	2.80	2.81	2.82	2.84	2.85	2.85	2.86	2.86	2.87	0.6%
M85 12/	0.00	0.00	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	21.0%
Liquid Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Electricity	10.61	10.68	10.94	11.13	11.33	11.52	11.63	11.73	11.80	11.92	12.06	12.21	12.36	12.46	12.58	12.73	12.87	12.98	13.09	13.22	13.33	13.42	13.51	13.62	13.69	1.1%
Delivered Energy	70.45	70.47	70.51	72.39	73.94	74.79	75.48	76.03	76.56	77.23	78.05	78.82	79.60	80.22	80.88	81.32	81.84	82.24	82.72	83.28	83.64	83.98	84.32	84.61	84.87	0.8%
Electricity Related Losses	23.18	23.57	24.11	24.54	24.81	25.20	25.11	25.04	24.74	24.75	24.78	24.95	25.05	25.22	25.29	25.35	25.41	25.43	25.45	25.44	25.43	25.44	25.50	25.58	25.61	0.4%
Total	93.63	94.04	94.62	96.93	98.76	99.99	100.58	101.06	101.30	101.98	102.83	103.77	104.65	105.44	106.17	106.67	107.25	107.67	108.17	108.73	109.07	109.42	109.82	110.19	110.47	0.7%
Electric Generators 15/																										
Distillate Fuel	0.08	0.09	0.10	0.10	0.09	0.08	0.08	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	-1.9%
Residual Fuel	0.68	0.77	1.07	1.13	0.98	0.93	0.69	0.54	0.39	0.30	0.25	0.22	0.21	0.19	0.18	0.17	0.16	0.16	0.15	0.15	0.15	0.15	0.14	0.14	0.14	-7.2%
Petroleum Subtotal	0.77	0.87	1.17	1.22	1.06	1.01	0.77	0.61	0.45	0.36	0.31	0.28	0.27	0.26	0.25	0.24	0.24	0.23	0.22	0.22	0.21	0.21	0.21	0.21	0.20	-6.2%
Natural Gas	3.15	3.40	3.21	3.28	3.23	3.59	3.80	4.08	4.24	4.54	4.93	5.16	5.56	5.77	6.01	6.30	6.59	6.84	7.12	7.50	7.72	7.98	8.11	8.26	8.30	4.0%
Steam Coal	18.05	18.59	19.18	19.83	20.12	20.31	20.36	20.42	20.33	20.36	20.44	20.71	20.75	20.86	20.95	21.11	21.13	21.22	21.48	21.69	21.70	21.80	21.96	22.04	22.08	0.8%
Nuclear Power	7.20	6.71	6.91	7.03	7.04	7.08	7.08	6.96	6.82	6.70	6.44	6.26	6.08	6.00	5.88	5.64	5.49	5.29	4.87	4.38	4.21	3.91	3.75	3.67	3.65	-2.6%
Renewable Energy 16/	4.23	4.35	4.22	4.00	4.24	4.30	4.32	4.33	4.34	4.37	4.38	4.40	4.43	4.47	4.48	4.48	4.54	4.54	4.57	4.60	4.63	4.67	4.70	4.73	4.78	0.4%
Electricity Imports 17/	0.39	0.33	0.36	0.30	0.44	0.43	0.41	0.37	0.37	0.34	0.34	0.34	0.32	0.33	0.31	0.31	0.30	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	-0.7%
Total	33.80	34.25	35.04	35.67	36.14	36.71	36.74	36.77	36.54	36.67	36.84	37.16	37.41	37.68	37.88	38.08	38.28	38.40	38.54	38.67	38.76	38.85	39.02	39.19	39.30	0.6%

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted)																											
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Total Energy Consumption																											
Distillate Fuel	7.15	7.29	7.42	7.53	7.59	7.66	7.71	7.75	7.78	7.85	7.91	7.95	8.01	8.05	8.10	8.12	8.14	8.16	8.20	8.25	8.26	8.27	8.29	8.31	8.31	0.6%	
Kerosene	0.15	0.15	0.15	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	-0.8%
Jet Fuel 9/	3.27	3.31	3.28	3.37	3.77	3.84	3.92	4.00	4.11	4.21	4.34	4.45	4.58	4.69	4.79	4.87	4.96	5.04	5.13	5.21	5.30	5.38	5.47	5.54	5.60	2.3%	
Liquefied Petroleum Gas	2.68	2.69	2.64	2.69	2.71	2.74	2.76	2.77	2.78	2.80	2.83	2.85	2.88	2.89	2.91	2.92	2.93	2.93	2.95	2.97	2.96	2.97	2.97	2.97	2.97	0.4%	
Motor Gasoline 2/	15.11	15.32	15.64	15.86	16.27	16.56	16.80	17.04	17.23	17.45	17.65	17.86	18.04	18.19	18.36	18.44	18.50	18.56	18.61	18.69	18.73	18.80	18.86	18.92	18.98	0.9%	
Petrochemical Feedstocks	1.28	1.46	1.44	1.46	1.46	1.46	1.44	1.41	1.38	1.36	1.38	1.38	1.39	1.40	1.40	1.40	1.41	1.41	1.41	1.42	1.42	1.42	1.42	1.42	1.42	-0.1%	
Residual Fuel	2.02	1.91	2.04	2.21	2.09	2.06	1.85	1.72	1.59	1.55	1.52	1.51	1.53	1.54	1.57	1.59	1.60	1.61	1.63	1.66	1.68	1.70	1.72	1.74	1.75	-0.4%	
Other Petroleum 13/	4.38	4.37	4.38	4.42	4.75	4.73	4.78	4.77	4.74	4.79	4.81	4.82	4.88	4.87	4.91	4.88	4.86	4.86	4.86	4.88	4.89	4.87	4.87	4.84	4.83	0.4%	
Petroleum Subtotal	36.03	36.49	36.99	37.67	38.78	39.18	39.39	39.58	39.74	40.14	40.55	40.96	41.43	41.76	42.16	42.34	42.53	42.69	42.91	43.20	43.36	43.53	43.72	43.87	43.98	0.8%	
Natural Gas	22.59	22.59	21.93	22.99	23.02	23.55	23.85	24.23	24.52	24.87	25.43	25.81	26.33	26.70	27.05	27.45	27.91	28.28	28.68	29.20	29.51	29.84	30.03	30.23	30.33	1.3%	
Metallurgical Coal	0.85	0.79	0.77	0.79	0.78	0.76	0.75	0.73	0.72	0.70	0.69	0.68	0.66	0.65	0.64	0.63	0.62	0.61	0.60	0.58	0.57	0.56	0.55	0.55	0.54	-1.7%	
Steam Coal	19.75	20.29	20.87	21.55	21.82	22.00	22.06	22.11	22.00	22.03	22.12	22.41	22.45	22.56	22.65	22.80	22.83	22.92	23.18	23.37	23.38	23.49	23.65	23.73	23.76	0.7%	
Net Coal Coke Imports	0.00	0.02	0.10	0.08	0.09	0.11	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.18	10.6%	
Coal Subtotal	20.60	21.09	21.73	22.42	22.68	22.87	22.92	22.96	22.85	22.87	22.96	23.24	23.27	23.37	23.44	23.59	23.61	23.69	23.95	24.14	24.14	24.24	24.39	24.46	24.48	0.6%	
Nuclear Power	7.20	6.71	6.91	7.03	7.04	7.08	7.08	6.96	6.82	6.70	6.44	6.26	6.08	6.00	5.88	5.64	5.49	5.29	4.87	4.38	4.21	3.91	3.75	3.67	3.65	-2.6%	
Renewable Energy 18/	6.81	6.82	6.70	6.51	6.77	6.86	6.90	6.92	6.96	7.01	7.05	7.10	7.16	7.22	7.25	7.26	7.34	7.35	7.39	7.44	7.48	7.52	7.56	7.60	7.65	0.5%	
M85 12/	0.00	0.00	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	21.0%	
Liquid Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Electricity Imports 17/	0.39	0.33	0.36	0.30	0.44	0.43	0.41	0.37	0.37	0.34	0.34	0.34	0.32	0.33	0.31	0.31	0.30	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	-0.7%	
Total	93.63	94.04	94.62	96.93	98.76	99.99	100.58	101.06	101.30	101.98	102.83	103.77	104.65	105.44	106.17	106.67	107.25	107.67	108.17	108.73	109.07	109.42	109.82	110.19	110.47	0.7%	
Energy Use & Related Statistics																											
Delivered Energy Use	70.45	70.47	70.51	72.39	73.94	74.79	75.48	76.03	76.56	77.23	78.05	78.82	79.60	80.22	80.88	81.32	81.84	82.24	82.72	83.28	83.64	83.98	84.32	84.61	84.87	0.8%	
Total Energy Use	93.63	94.04	94.62	96.93	98.76	99.99	100.58	101.06	101.30	101.98	102.83	103.77	104.65	105.44	106.17	106.67	107.25	107.67	108.17	108.73	109.07	109.42	109.82	110.19	110.47	0.7%	
Population (millions)	265.76	268.19	270.09	271.83	273.54	275.22	276.87	278.51	280.15	281.78	283.42	285.09	286.77	288.49	290.23	291.99	293.78	295.57	297.38	299.19	301.01	302.81	304.61	306.47	308.36	0.6%	
US GDP (billion 1992 dollars)	6994.8	7269.8	7482.7	7530.6	7678.3	7796.4	7922.4	8057.5	8196.0	8362.0	8528.6	8697.9	8862.5	9020.5	9184.1	9293.9	9408.0	9512.5	9622.4	9755.0	9856.2	9955.1	10055	10160	10256	1.5%	
Tot. Carbon Emis.(mill.m. ton)	1460.6	1479.6	1505.7	1551.1	1577.5	1597.8	1607.5	1618.3	1622.8	1635.8	1652.9	1672.5	1689.8	1702.6	1717.8	1731.4	1741.9	1752.1	1769.0	1784.9	1793.7	1804.3	1813.6	1821.8	1826.3	0.9%	

Table 2. Energy Consumption by Sector and Source Notes

1/ Includes wood used for residential heating. See Table 18 estimates of nonmarketed renewable energy consumption for geothermal heat pumps & solar thermal hot water heating.

2/ Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.

3/ Includes commercial sector electricity cogenerated by using wood and wood waste, landfill gas, municipal solid waste, and other biomass. See Table 18 for estimates of nonmarketed renewable energy consumption for solar thermal hot water heating.

4/ Fuel consumption includes consumption for cogeneration.

5/ Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.

6/ Includes lease and plant fuel and consumption by cogenerators, excludes consumption by nonutility generators.

7/ Includes consumption of energy from hydroelectric, wood and wood waste, municipal solid waste, and other biomass; includes for cogeneration, both for sale to the grid and for own use.

8/ Low sulfur diesel fuel.

9/ Includes naphtha and kerosene type.

10/ Includes aviation gas and lubricants.

11/ E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline(nonrenewable).

12/ M85 is 85 percent methanol and 15 percent motor gasoline.

13/ Includes unfinished oils, natural gasoline, motor gasoline blending compounds, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.

14/ Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps and solar thermal hot water heaters.

15/ Includes consumption of energy by all electric power generators for grid-connected power except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

16/ Includes conventional hydroelectric, geothermal, wood and wood waste, municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes cogeneration. Excludes net electricity imports.

17/ In 1997 approximately two-thirds of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions.

18/ Includes hydroelectric, geothermal, wood and wood waste, municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources. Includes ethanol components of E85; excludes ethanol blends (10 percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy consumption for geothermal heat pumps and solar thermal hot water heaters.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Figures for 1996 and 1997 may differ from published data due to internal conversion factors. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1996 natural gas lease, plant, and pipeline fuel values: Energy Information Administration (EIA), Natural Gas Annual 1996, DOE/EIA-0131(96) (Washington, DC, September 1997). 1996 transportation sector compressed natural gas consumption: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A. 1996 and 1997 electric utility fuel consumption: EIA, Electric Power Annual 1997, Volume 1, DOE/EIA-0348(97)/1 (Washington, DC, July 1998). 1996 and 1997 nonutility consumption estimates: Form EIA-867, "Annual Nonutility Power Producer Report." Other 1996 values derived from: EIA, State Energy Data Report 1995, DOE/EIA-0214(95) (Washington, DC, December 1997), and Office of Coal, Nuclear, Electric, and Alternative Fuels estimates. Other 1997 values: EIA, Short-Term Energy Outlook, September 1998. Online <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/contents.html> (October 15, 1998). Projections: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A.

Table 3. Energy Prices by Sector and Source (1997 Dollars per Million Btu)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Residential	13.08	13.40	13.19	12.93	12.85	12.77	12.64	12.64	12.67	12.63	12.60	12.52	12.41	12.36	12.31	12.16	12.02	11.93	11.88	11.78	11.74	11.71	11.64	11.55	11.51	-0.7%
Primary Energy 1/	6.73	7.12	6.62	6.77	6.75	6.73	6.70	6.69	6.65	6.66	6.65	6.64	6.56	6.51	6.46	6.40	6.35	6.29	6.24	6.18	6.18	6.16	6.16	6.14	6.12	-0.7%
Petroleum Products 2/	8.60	8.42	7.35	7.48	7.77	7.98	8.17	8.45	8.66	8.86	9.00	9.20	9.13	9.17	9.19	9.17	9.20	9.19	9.16	9.06	9.14	9.11	9.15	9.13	9.16	0.4%
Distillate Fuel	7.18	7.00	5.91	6.03	6.44	6.63	6.78	7.00	7.16	7.33	7.47	7.61	7.61	7.63	7.63	7.59	7.61	7.59	7.57	7.53	7.47	7.47	7.48	7.50	7.53	0.3%
Liquefied Petroleum Gas	11.76	11.61	10.32	10.47	10.48	10.65	10.91	11.24	11.54	11.75	11.86	12.17	11.94	11.99	12.04	12.05	12.07	12.07	12.00	11.76	12.10	12.00	12.08	11.94	11.98	0.1%
Natural Gas	6.28	6.80	6.46	6.64	6.54	6.46	6.37	6.29	6.19	6.17	6.13	6.08	6.01	5.95	5.89	5.83	5.77	5.71	5.66	5.61	5.60	5.59	5.58	5.56	-0.9%	
Electricity	24.91	24.85	23.98	23.46	22.96	22.50	22.07	21.97	22.09	21.84	21.70	21.41	21.19	21.05	20.95	20.57	20.24	20.01	19.91	19.67	19.48	19.35	19.11	18.82	18.68	-1.2%
Commercial	13.08	13.09	12.98	12.64	12.43	12.24	12.03	11.97	11.93	11.81	11.75	11.62	11.45	11.34	11.25	11.05	10.88	10.77	10.73	10.62	10.56	10.51	10.41	10.27	10.20	-1.1%
Primary Energy 1/	5.32	5.51	5.01	5.19	5.16	5.16	5.15	5.15	5.14	5.15	5.15	5.15	5.11	5.07	5.04	5.00	4.97	4.94	4.91	4.87	4.88	4.87	4.87	4.86	4.86	-0.6%
Petroleum Products 2/	5.62	5.46	4.52	4.69	4.76	4.94	5.10	5.33	5.50	5.67	5.80	5.99	5.95	5.96	5.96	5.94	5.96	5.97	5.94	5.87	5.94	5.93	5.95	5.95	5.97	0.4%
Distillate Fuel	5.35	4.93	3.94	4.10	4.22	4.39	4.54	4.76	4.92	5.09	5.22	5.38	5.36	5.38	5.37	5.33	5.36	5.34	5.31	5.29	5.28	5.29	5.29	5.31	5.33	0.3%
Residual Fuel	3.28	3.45	2.44	2.51	2.26	2.40	2.47	2.66	2.74	2.80	2.90	3.08	3.07	3.01	3.03	3.04	3.05	3.13	3.16	3.05	3.16	3.16	3.17	3.19	3.22	-0.3%
Natural Gas 3/	5.35	5.62	5.19	5.37	5.32	5.28	5.25	5.22	5.17	5.16	5.14	5.11	5.07	5.03	4.99	4.96	4.92	4.88	4.85	4.82	4.82	4.81	4.81	4.80	4.79	-0.7%
Electricity	22.50	22.32	21.76	21.30	20.77	20.27	19.74	19.53	19.44	19.10	18.92	18.57	18.21	17.98	17.79	17.35	16.99	16.76	16.68	16.45	16.28	16.15	15.92	15.62	15.45	-1.6%
Industrial 4/	5.48	5.42	4.53	4.55	4.63	4.68	4.75	4.84	4.88	4.91	4.93	4.99	4.93	4.92	4.91	4.87	4.84	4.81	4.78	4.73	4.76	4.74	4.73	4.70	4.69	-0.6%
Primary Energy	4.08	4.01	3.01	3.08	3.22	3.31	3.41	3.52	3.60	3.67	3.74	3.85	3.81	3.81	3.82	3.82	3.83	3.82	3.80	3.76	3.82	3.82	3.83	3.81	3.82	-0.2%
Petroleum Products 2/	5.77	5.60	3.73	3.77	4.06	4.24	4.43	4.66	4.83	4.98	5.09	5.31	5.21	5.23	5.23	5.24	5.26	5.26	5.22	5.12	5.25	5.24	5.27	5.24	5.27	-0.3%
Distillate Fuel	5.59	5.10	4.04	4.19	4.27	4.44	4.60	4.82	4.98	5.17	5.28	5.47	5.43	5.45	5.44	5.41	5.44	5.43	5.39	5.38	5.44	5.47	5.46	5.48	5.49	0.3%
Liquefied Petroleum Gas	8.12	8.38	4.91	5.06	5.23	5.36	5.61	5.91	6.17	6.34	6.44	6.73	6.47	6.48	6.50	6.52	6.54	6.52	6.44	6.20	6.54	6.41	6.51	6.37	6.41	-1.2%
Residual Fuel	3.11	2.90	1.99	2.07	1.83	1.98	2.10	2.26	2.24	2.35	2.48	2.65	2.62	2.63	2.62	2.57	2.59	2.65	2.66	2.58	2.67	2.67	2.65	2.68	2.70	-0.3%
Natural Gas 5/	2.99	2.96	2.65	2.77	2.76	2.79	2.80	2.81	2.81	2.82	2.85	2.87	2.87	2.88	2.88	2.87	2.87	2.86	2.86	2.86	2.87	2.87	2.87	2.86	2.85	-0.2%
Metallurgical Coal	1.79	1.77	1.74	1.72	1.70	1.69	1.67	1.66	1.64	1.63	1.61	1.59	1.58	1.56	1.55	1.53	1.51	1.50	1.48	1.47	1.45	1.44	1.43	1.41	1.40	-1.0%
Steam Coal	1.44	1.47	1.40	1.39	1.37	1.36	1.35	1.33	1.32	1.30	1.29	1.28	1.26	1.25	1.24	1.22	1.20	1.19	1.18	1.16	1.15	1.14	1.13	1.11	1.10	-1.3%
Electricity	13.59	13.56	13.16	13.08	12.87	12.66	12.52	12.47	12.34	12.02	11.75	11.49	11.29	11.18	11.10	10.81	10.54	10.38	10.30	10.14	10.00	9.92	9.78	9.63	9.54	-1.5%
Transportation	8.89	8.60	7.29	7.37	7.47	7.63	7.80	8.02	8.19	8.37	8.52	8.63	8.69	8.63	8.60	8.48	8.45	8.49	8.42	8.37	8.37	8.31	8.28	8.23	8.20	-0.2%
Primary Energy	8.87	8.58	7.27	7.35	7.45	7.61	7.78	8.00	8.17	8.35	8.50	8.61	8.66	8.61	8.57	8.45	8.43	8.47	8.39	8.34	8.35	8.29	8.25	8.21	8.18	-0.2%
Petroleum Products 2/	8.88	8.58	7.27	7.35	7.45	7.61	7.78	8.00	8.18	8.35	8.50	8.62	8.67	8.61	8.58	8.46	8.43	8.47	8.39	8.34	8.35	8.29	8.25	8.21	8.17	-0.2%
Distillate Fuel 6/	9.01	8.53	7.38	7.33	7.47	7.55	7.66	7.83	7.94	8.16	8.22	8.38	8.27	8.23	8.16	8.02	7.97	7.96	7.88	7.83	7.81	7.76	7.70	7.68	7.63	-0.5%
Jet Fuel 7/	5.60	5.20	3.87	4.02	4.10	4.27	4.47	4.69	4.89	5.11	5.31	5.51	5.52	5.51	5.49	5.47	5.49	5.50	5.49	5.44	5.49	5.50	5.51	5.51	5.58	0.3%
Motor Gasoline 8/	10.00	9.70	8.24	8.41	8.59	8.78	8.97	9.21	9.42	9.58	9.76	9.85	10.00	9.94	9.92	9.78	9.76	9.84	9.77	9.73	9.74	9.67	9.64	9.59	9.53	-0.1%
Residual Fuel	2.82	3.09	1.88	1.96	1.30	1.49	1.63	1.81	1.99	2.12	2.26	2.48	2.46	2.47	2.48	2.49	2.52	2.53	2.52	2.50	2.52	2.57	2.51	2.59	2.60	-0.7%
Liquid Petroleum Gas 9/	12.58	12.00	11.51	11.66	11.61	11.76	11.93	12.21	12.47	12.64	12.69	12.91	12.65	12.65	12.65	12.58	12.54	12.50	12.40	12.11	12.39	12.25	12.28	12.09	12.08	0.0%
Natural Gas 10/	6.04	6.18	6.42	6.50	6.42	6.36	6.33	6.32	6.32	6.35	6.44	6.52	6.56	6.59	6.61	6.61	6.61	6.60	6.60	6.59	6.59	6.59	6.57	6.56	6.54	0.2%
E85 11/	16.10	16.27	14.20	14.38	14.49	14.89	15.29	15.76	16.15	16.46	16.77	16.97	17.18	17.10	17.10	16.93	16.90	16.98	17.01	16.89	16.95	17.05	16.86	17.23	17.11	0.2%
M85 12/	11.18	13.25	11.77	10.35	9.76	10.49	10.79	11.15	11.42	11.65	12.15	12.34	12.37	12.35	12.35	12.56	12.55	12.56	12.54	12.53	12.53	12.52	12.53	12.53	12.54	-0.2%
Electricity	16.11	16.30	16.24	15.84	15.56	15.26	14.98	15.01	14.72	14.42	14.27	13.97	13.77	13.72	13.63	13.24	13.04	12.90	12.81	12.63	12.50	12.40	12.24	11.98	11.95	-1.3%
Average End-Use Energy	8.80	8.72	7.83	7.84	7.85	7.90	7.95	8.06	8.16	8.22	8.27	8.31	8.28	8.23	8.20	8.11	8.05	8.04	7.99	7.92	7.93	7.89	7.86	7.80	7.78	-0.5%
Primary Energy	8.46	8.35	7.34	7.39	7.42	7.48	7.55	7.68	7.79	7.87	7.94	7.99	7.98	7.94	7.91	7.81	7.77	7.76	7.71	7.65	7.65	7.62	7.58	7.53	7.51	-0.5%
Electricity	20.35	20.26	19.70	19.39	19.01	18.64	18.29	18.19	18.17	17.87	17.67	17.36	17.11	16.95	16.84	16.48	16.18	15.98	15.90	15.70	15.55	15.44	15.24	15.01	14.90	-1.3%

Table 3. Energy Prices by Sector and Source (1997 Dollars per Million Btu)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Electric Generators 13/																										
Fossil Fuel Average	1.55	1.54	1.44	1.46	1.43	1.45	1.45	1.45	1.44	1.45	1.47	1.47	1.48	1.47	1.47	1.46	1.47	1.46	1.46	1.47	1.47	1.46	1.46	1.45	1.45	-0.3%
Petroleum Products	3.36	2.94	2.23	2.31	2.31	2.46	2.59	2.80	2.96	3.19	3.43	3.75	3.77	3.87	3.86	3.83	3.90	3.98	3.97	3.96	4.03	4.06	4.02	4.11	4.16	1.5%
Distillate Fuel	4.96	4.43	3.51	3.67	3.81	3.98	4.14	4.37	4.51	4.70	4.81	5.00	4.98	4.99	4.99	4.95	4.99	4.98	4.94	4.94	4.98	5.00	4.98	5.02	5.03	0.6%
Residual Fuel	3.16	2.76	2.11	2.19	2.18	2.32	2.42	2.59	2.71	2.89	3.09	3.39	3.40	3.49	3.48	3.45	3.51	3.60	3.58	3.59	3.65	3.68	3.61	3.72	3.78	1.4%
Natural Gas	2.70	2.70	2.42	2.61	2.62	2.64	2.69	2.73	2.74	2.78	2.81	2.84	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.86	2.86	2.85	2.85	2.84	0.2%
Steam Coal	1.31	1.27	1.23	1.22	1.20	1.19	1.17	1.16	1.14	1.13	1.11	1.10	1.08	1.07	1.05	1.02	1.01	0.99	0.98	0.96	0.95	0.93	0.92	0.91	0.90	-1.5%
Average Price to All Users 14/																										
Petroleum Products 2/	7.96	7.70	6.26	6.34	6.51	6.69	6.90	7.15	7.36	7.54	7.69	7.84	7.86	7.83	7.81	7.73	7.72	7.75	7.69	7.62	7.66	7.62	7.60	7.57	7.55	-0.1%
Distillate Fuel 6/	7.95	7.51	6.49	6.50	6.67	6.79	6.92	7.11	7.24	7.45	7.54	7.70	7.62	7.60	7.54	7.44	7.41	7.40	7.33	7.30	7.29	7.26	7.21	7.21	7.17	-0.2%
Jet Fuel	5.60	5.20	3.87	4.02	4.10	4.27	4.47	4.69	4.89	5.11	5.31	5.51	5.52	5.51	5.49	5.47	5.49	5.50	5.49	5.44	5.49	5.50	5.51	5.51	5.58	0.3%
Liquefied Petroleum Gas	8.82	9.01	5.99	6.15	6.31	6.46	6.73	7.05	7.34	7.54	7.65	7.95	7.70	7.72	7.74	7.76	7.78	7.76	7.68	7.43	7.77	7.64	7.73	7.59	7.63	-0.7%
Motor Gasoline 8/	10.00	9.70	8.24	8.41	8.59	8.78	8.97	9.21	9.42	9.58	9.76	9.85	10.00	9.94	9.92	9.78	9.76	9.84	9.77	9.73	9.74	9.67	9.64	9.59	9.54	-0.1%
Residual Fuel	3.01	2.95	2.04	2.11	1.82	1.97	2.04	2.17	2.25	2.35	2.48	2.68	2.65	2.66	2.66	2.64	2.67	2.70	2.69	2.65	2.68	2.72	2.67	2.73	2.74	-0.3%
Natural Gas	4.18	4.32	3.94	4.15	4.12	4.08	4.06	4.03	4.00	3.99	3.98	3.96	3.93	3.90	3.88	3.85	3.83	3.80	3.77	3.75	3.75	3.74	3.73	3.72	3.70	-0.7%
Coal	1.29	1.28	1.25	1.23	1.21	1.20	1.19	1.17	1.15	1.14	1.13	1.11	1.10	1.08	1.06	1.04	1.02	1.01	0.99	0.98	0.96	0.95	0.94	0.92	0.91	-1.5%
E85 11/	16.10	16.27	14.20	14.38	14.49	14.89	15.29	15.76	16.15	16.46	16.77	16.97	17.18	17.10	17.10	16.93	16.90	16.98	17.01	16.89	16.95	17.05	16.86	17.23	17.11	0.2%
M85 12/	11.18	13.25	11.77	10.35	9.76	10.49	10.79	11.15	11.42	11.65	12.15	12.34	12.37	12.35	12.35	12.56	12.55	12.56	12.54	12.53	12.53	12.52	12.53	12.53	12.54	-0.2%
Electricity	20.35	20.26	19.70	19.39	19.01	18.64	18.29	18.19	18.17	17.87	17.67	17.36	17.11	16.95	16.84	16.48	16.18	15.98	15.90	15.70	15.55	15.44	15.24	15.01	14.90	-1.3%
Non-Renewable Energy Expenditures by Sector (billion 1997 dollars)																										
Residential	138.3	138.3	131.4	136.2	136.5	136.5	135.4	135.7	136.6	136.1	136.1	135.8	135.8	135.4	135.6	135.1	134.9	134.5	134.8	134.5	135.2	135.1	135.0	134.8	135.4	-0.1%
Commercial	97.0	99.9	96.6	98.8	98.3	97.7	96.9	97.2	97.5	97.4	97.6	97.3	96.8	96.6	96.7	95.9	95.2	94.9	95.0	94.4	94.2	94.0	93.2	92.2	91.5	-0.4%
Industrial	115.2	113.5	96.5	98.6	99.6	100.9	102.1	103.4	103.9	104.5	105.6	107.2	106.4	106.7	107.0	106.0	105.5	105.1	104.9	104.4	104.9	104.8	104.7	104.0	103.6	-0.4%
Transportation	212.9	207.9	180.1	185.8	195.2	203.2	211.2	220.7	229.0	237.8	246.0	253.1	258.2	259.8	262.0	260.2	261.2	264.1	263.8	264.2	265.8	265.8	266.4	266.6	266.8	1.1%
Total Non-Renewable Expend	563.5	559.5	504.6	519.3	529.7	538.3	545.6	556.9	567.0	575.8	585.3	593.3	597.1	598.5	601.2	597.2	596.9	598.5	598.5	597.5	600.1	599.7	599.3	597.5	597.4	0.3%
Trans. Renew. Expenditures	0.01	0.01	0.05	0.09	0.14	0.20	0.26	0.33	0.40	0.47	0.55	0.62	0.69	0.75	0.80	0.84	0.88	0.92	0.95	0.97	1.00	1.03	1.03	1.07	1.08	23.3%
Total Expenditures	563.5	559.5	504.7	519.4	529.8	538.5	545.8	557.2	567.4	576.3	585.8	594.0	597.8	599.3	602.0	598.0	597.8	599.4	599.5	598.5	601.1	600.8	600.4	598.6	598.4	0.3%

Table 3. Energy Prices by Sector and Source Notes

- 1/ Weighted average price includes fuels below as well as coal.
- 2/ This quantity is the weighted average for all petroleum products, not just those listed below.
- 3/ Excludes independent power producers.
- 4/ Includes cogenerators.
- 5/ Excludes uses for lease and plant fuel.
- 6/ Low sulfur diesel fuel. Price includes Federal and State taxes while excluding county and local taxes.
- 7/ Kerosene-type jet fuel. Price includes Federal and State taxes while excluding county and local taxes.
- 8/ Sales weighted-average price for all grades. Includes Federal and State taxes and excludes county and local taxes.
- 9/ Includes Federal and State taxes while excluding county and local taxes.
- 10/ Compressed natural gas used as a vehicle fuel. Price includes estimated motor vehicle fuel taxes.
- 11/ E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable).
- 12/ M85 is 85 percent methanol and 15 percent motor gasoline.
- 13/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.
- 14/ Weighted averages of end-use fuel prices are derived from the prices shown in each sector and the corresponding sectoral consumption.

Btu = British thermal unit.

Note: 1996 and 1997 figures may differ from published data due to internal rounding.

Sources: 1996 prices for gasoline, distillate, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 1996. Online. <http://www.eia.doe.gov/oil-gas/pmal/pmaframe.html> (August 1, 1998). 1997 prices for gasoline, distillate, and jet fuel are based on prices in various issues of EIA, Petroleum Marketing Monthly, DOE/EIA-0380 (97/03-98/04) (Washington, DC, 1997-98). 1996 and 1997 prices for all other petroleum products are derived from the EIA, State Energy Price and Expenditures Report: 1995, DOE/EIA-0376(95) (Washington, DC, August, 1998). 1996 residential, commercial, and transportation natural gas delivered prices: EIA, Natural Gas Annual 1996, DOE/EIA-0131(96) (Washington, DC, September 1997). 1996 electric generators natural gas delivered prices: Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." 1996 and 1997 industrial gas delivered prices are based on EIA, Manufacturing Energy Consumption Survey 1991. 1997 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(98/06) (Washington, DC, June 1998). Other 1997 natural gas delivered prices: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A. Values for 1996 and 1997 coal prices have been estimated from EIA, State Energy Price and Expenditures Report: 1995, DOE/EIA-0376(95) (Washington, DC, August, 1998) by use of consumption quantities aggregated from EIA, State Energy Data Report 1995, DOE/EIA-0214(95) (Washington, DC, December 1997) and the Coal Industry Annual 1997, DOE/EIA-0584(97) (Washington, DC, November 1998). 1996 residential electricity prices derived from EIA, Short-Term Energy Outlook, September 1998. Online <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/contents.html> (October 15, 1998). 1996 and 1997 electricity prices for commercial, industrial, and transportation: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A. Projections: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A.

Table 4. Residential Sector Key Indicators and Consumption (Quadrillion Btu per year, Unless otherwise noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Key Indicators																										
Households (millions)																										
Single-Family	69.34	70.18	71.04	71.66	72.25	72.81	73.36	73.90	74.45	75.02	75.59	76.17	76.74	77.29	77.85	78.41	78.96	79.50	80.03	80.56	81.08	81.59	82.11	82.62	83.12	0.7%
Multifamily	24.77	25.00	25.20	25.35	25.50	25.64	25.79	25.93	26.09	26.25	26.42	26.62	26.83	27.05	27.27	27.50	27.72	27.92	28.12	28.31	28.49	28.66	28.82	28.98	29.14	0.7%
Mobile Homes	5.98	6.13	6.27	6.36	6.45	6.52	6.60	6.67	6.75	6.84	6.93	7.03	7.12	7.22	7.32	7.43	7.54	7.64	7.75	7.85	7.96	8.06	8.16	8.26	8.35	1.4%
Total	100.1	101.3	102.5	103.4	104.2	105.0	105.7	106.5	107.3	108.1	108.9	109.8	110.7	111.6	112.4	113.3	114.2	115.1	115.9	116.7	117.5	118.3	119.1	119.9	120.6	0.8%
Average House Square Footage	1649	1654	1659	1663	1667	1671	1674	1677	1680	1683	1686	1689	1691	1694	1696	1698	1700	1702	1704	1707	1709	1711	1713	1715	1717	0.2%
Energy Intensity (million Btu per household)																										
Delivered Energy Consumption	111.7	107.8	102.7	107.6	107.8	107.5	107.0	106.4	106.1	105.2	104.7	104.3	104.3	103.6	103.3	103.3	103.6	103.3	103.2	103.0	103.2	102.7	102.6	102.5	102.6	-0.2%
Electricity Related Losses	80.58	79.65	81.12	82.89	84.04	85.32	84.49	83.72	82.21	81.36	80.55	80.35	80.13	79.84	79.45	79.34	79.29	78.84	78.54	78.11	78.12	77.77	77.83	78.02	78.20	-0.1%
Total Energy Consumption	192.3	187.5	183.9	190.5	191.8	192.8	191.5	190.1	188.3	186.6	185.2	184.6	184.4	183.5	182.8	182.7	182.9	182.1	181.7	181.2	181.3	180.5	180.4	180.6	180.8	-0.2%
Delivered Energy Consumption by Fuel																										
Electricity																										
Space Heating	0.46	0.44	0.42	0.45	0.45	0.45	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.47	0.47	0.47	0.47	0.48	0.48	0.48	0.48	0.49	0.49	0.5%
Space Cooling	0.48	0.46	0.51	0.49	0.50	0.50	0.50	0.51	0.51	0.51	0.51	0.52	0.52	0.52	0.53	0.53	0.54	0.54	0.55	0.55	0.55	0.55	0.56	0.56	0.57	0.9%
Water Heating	0.36	0.35	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.39	0.39	0.39	0.5%
Refrigeration	0.41	0.39	0.38	0.37	0.36	0.35	0.34	0.33	0.32	0.31	0.30	0.29	0.29	0.28	0.27	0.27	0.27	0.26	0.26	0.26	0.26	0.25	0.25	0.25	0.26	-1.8%
Cooking	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.8%
Clothes Dryers	0.19	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	1.1%
Freezers	0.13	0.12	0.12	0.11	0.11	0.10	0.09	0.09	0.09	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	-2.7%
Lighting	0.35	0.34	0.35	0.35	0.36	0.36	0.37	0.37	0.37	0.38	0.38	0.38	0.39	0.39	0.39	0.40	0.40	0.41	0.41	0.42	0.42	0.42	0.43	0.43	0.44	1.1%
Clothes Washers 1/	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	1.0%
Dishwashers 1/	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.6%
Color Televisions	0.21	0.21	0.23	0.24	0.25	0.26	0.27	0.27	0.28	0.28	0.28	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.31	0.31	0.32	1.7%
Personal Computers	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	4.0%
Furnace Fans	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	1.7%
Other Uses 2/	0.78	0.83	0.90	0.99	1.08	1.17	1.21	1.24	1.27	1.30	1.33	1.37	1.41	1.44	1.48	1.52	1.57	1.60	1.64	1.67	1.72	1.74	1.78	1.82	1.85	3.5%
Delivered Energy	3.69	3.66	3.77	3.89	4.00	4.09	4.14	4.18	4.21	4.24	4.27	4.32	4.37	4.40	4.44	4.51	4.59	4.63	4.68	4.74	4.81	4.85	4.91	4.98	5.04	1.4%

Table 4. Residential Sector Key Indicators and Consumption (Quadrillion Btu per year, Unless otherwise noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Natural Gas																										
Space Heating	3.77	3.58	3.24	3.59	3.59	3.58	3.58	3.58	3.60	3.59	3.60	3.61	3.64	3.64	3.65	3.67	3.71	3.72	3.74	3.75	3.77	3.77	3.78	3.79	3.81	0.3%
Space Cooling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.3%
Water Heating	1.31	1.27	1.22	1.28	1.29	1.28	1.28	1.28	1.29	1.29	1.29	1.30	1.31	1.32	1.32	1.34	1.35	1.36	1.37	1.38	1.38	1.38	1.39	1.39	1.40	0.4%
Cooking	0.16	0.16	0.15	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.5%
Clothes Dryers	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.9%
Other Uses 3/	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.9%
Delivered Energy	5.38	5.15	4.75	5.18	5.19	5.17	5.17	5.18	5.21	5.20	5.22	5.23	5.27	5.28	5.31	5.34	5.39	5.41	5.45	5.47	5.50	5.50	5.52	5.53	5.56	0.3%
Distillate																										
Space Heating	0.83	0.84	0.77	0.80	0.77	0.76	0.74	0.72	0.71	0.69	0.68	0.66	0.66	0.65	0.64	0.63	0.62	0.61	0.61	0.60	0.60	0.59	0.58	0.57	0.56	-1.7%
Water Heating	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	-0.5%
Other Uses 4/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.1%
Delivered Energy	0.93	0.94	0.87	0.89	0.87	0.85	0.83	0.82	0.80	0.78	0.77	0.76	0.75	0.74	0.73	0.72	0.71	0.70	0.70	0.69	0.69	0.68	0.67	0.66	0.65	-1.6%
Liquefied Petroleum Gas																										
Space Heating	0.32	0.32	0.31	0.32	0.32	0.32	0.32	0.32	0.31	0.31	0.31	0.30	0.30	0.30	0.30	0.29	0.29	0.29	0.29	0.29	0.28	0.28	0.28	0.28	0.28	-0.6%
Water Heating	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.1%
Cooking	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	-0.2%
Other Uses 3/	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.8%
Delivered Energy	0.43	0.43	0.42	0.43	0.44	0.44	0.44	0.44	0.43	0.43	0.42	0.42	0.42	0.42	0.42	0.41	0.41	0.41	0.41	0.41	0.40	0.40	0.40	0.39	0.39	-0.4%
Marketed Renewables (wood) 5/	0.61	0.60	0.57	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.62	0.1%
Other Fuels 6/	0.14	0.15	0.15	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.11	-1.1%
Delivered Energy Consumption by End-Use																										
Space Heating	6.13	5.93	5.46	5.89	5.87	5.83	5.82	5.80	5.81	5.78	5.77	5.76	5.78	5.77	5.78	5.79	5.82	5.82	5.83	5.84	5.86	5.85	5.85	5.85	5.87	-0.0%
Space Cooling	0.48	0.46	0.51	0.49	0.50	0.50	0.51	0.51	0.51	0.51	0.51	0.52	0.52	0.53	0.53	0.54	0.54	0.55	0.55	0.55	0.56	0.56	0.56	0.57	0.57	0.9%
Water Heating	1.84	1.79	1.74	1.81	1.82	1.81	1.81	1.82	1.82	1.82	1.82	1.83	1.84	1.85	1.86	1.87	1.89	1.90	1.91	1.92	1.93	1.93	1.94	1.94	1.96	0.4%
Refrigeration	0.41	0.39	0.38	0.37	0.36	0.35	0.34	0.33	0.32	0.31	0.30	0.29	0.29	0.28	0.27	0.27	0.27	0.26	0.26	0.26	0.26	0.25	0.25	0.25	0.26	-1.8%
Cooking	0.33	0.33	0.32	0.33	0.33	0.33	0.34	0.34	0.34	0.34	0.34	0.34	0.35	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.36	0.36	0.37	0.37	0.37	0.6%
Clothes Dryers	0.24	0.24	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.26	0.27	0.27	0.27	0.28	0.28	0.28	0.29	0.29	0.29	0.30	0.30	1.0%
Freezers	0.13	0.12	0.12	0.11	0.11	0.10	0.09	0.09	0.09	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	-2.7%
Lighting	0.35	0.34	0.35	0.35	0.36	0.36	0.37	0.37	0.37	0.38	0.38	0.38	0.39	0.39	0.39	0.40	0.40	0.41	0.41	0.42	0.42	0.42	0.43	0.43	0.44	1.1%
Clothes Washers	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	1.0%
Dishwashers	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.6%
Color Televisions	0.21	0.21	0.23	0.24	0.25	0.26	0.27	0.27	0.28	0.28	0.28	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.31	0.31	0.32	1.7%
Personal Computers	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	4.0%
Furnace Fans	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	1.7%
Other Uses 7/	0.89	0.93	1.00	1.10	1.19	1.28	1.31	1.35	1.38	1.41	1.44	1.48	1.52	1.55	1.59	1.64	1.68	1.72	1.75	1.79	1.84	1.87	1.90	1.94	1.98	3.3%
Delivered Energy	11.18	10.92	10.53	11.13	11.23	11.28	11.31	11.34	11.38	11.38	11.41	11.45	11.54	11.56	11.62	11.71	11.83	11.88	11.96	12.03	12.13	12.15	12.22	12.29	12.38	0.5%
Electricity Related Losses	8.07	8.07	8.32	8.57	8.76	8.96	8.93	8.92	8.82	8.80	8.78	8.82	8.87	8.91	8.93	8.99	9.06	9.07	9.10	9.12	9.18	9.20	9.27	9.35	9.43	0.7%

Table 4. Residential Sector Key Indicators and Consumption (Quadrillion Btu per year, Unless otherwise noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Total Energy Consumption by End-Use																										
Space Heating	7.13	6.90	6.40	6.87	6.86	6.83	6.81	6.79	6.78	6.73	6.71	6.70	6.72	6.71	6.71	6.72	6.75	6.74	6.75	6.76	6.78	6.76	6.76	6.77	6.79	-0.1%
Space Cooling	1.52	1.47	1.64	1.58	1.59	1.59	1.59	1.59	1.58	1.57	1.57	1.57	1.58	1.58	1.59	1.60	1.61	1.61	1.61	1.61	1.61	1.61	1.62	1.62	1.63	0.4%
Water Heating	2.63	2.57	2.53	2.60	2.61	2.60	2.60	2.59	2.59	2.58	2.57	2.58	2.59	2.59	2.59	2.61	2.62	2.63	2.64	2.64	2.66	2.66	2.66	2.68	2.69	0.2%
Refrigeration	1.32	1.26	1.22	1.19	1.16	1.13	1.08	1.03	0.99	0.95	0.92	0.89	0.87	0.84	0.82	0.80	0.79	0.77	0.76	0.75	0.75	0.74	0.73	0.73	0.73	-2.3%
Cooking	0.62	0.62	0.61	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.64	0.64	0.64	0.64	0.65	0.65	0.65	0.65	0.66	0.66	0.66	0.66	0.67	0.3%
Clothes Dryers	0.66	0.65	0.66	0.67	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.69	0.69	0.69	0.70	0.71	0.71	0.72	0.72	0.73	0.73	0.73	0.74	0.75	0.6%
Freezers	0.42	0.39	0.37	0.35	0.34	0.32	0.30	0.28	0.27	0.25	0.24	0.23	0.23	0.22	0.21	0.21	0.20	0.20	0.20	0.19	0.19	0.19	0.19	0.19	0.19	-3.1%
Lighting	1.10	1.09	1.11	1.13	1.14	1.15	1.16	1.16	1.16	1.15	1.16	1.17	1.17	1.18	1.18	1.19	1.20	1.21	1.21	1.22	1.22	1.23	1.24	1.25	1.26	0.6%
Clothes Washers	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.5%
Dishwashers	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.1%
Color Televisions	0.67	0.69	0.73	0.77	0.81	0.83	0.84	0.85	0.86	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.86	0.87	0.88	0.89	0.90	0.91	1.2%
Personal Computers	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.13	0.13	0.14	3.5%
Furnace Fans	0.28	0.28	0.29	0.30	0.30	0.31	0.31	0.31	0.31	0.32	0.32	0.32	0.33	0.33	0.33	0.34	0.34	0.35	0.35	0.35	0.36	0.36	0.36	0.37	0.37	1.2%
Other Uses 7/	2.60	2.77	3.00	3.28	3.55	3.84	3.91	3.99	4.03	4.10	4.18	4.28	4.38	4.47	4.56	4.67	4.77	4.85	4.93	5.01	5.12	5.17	5.26	5.35	5.44	3.0%
Total	19.25	18.99	18.85	19.70	19.98	20.24	20.25	20.25	20.20	20.17	20.18	20.27	20.41	20.47	20.55	20.71	20.89	20.95	21.06	21.14	21.31	21.35	21.48	21.64	21.81	0.6%
Non-Marketed Renewables																										
Geothermal 8/	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	5.5%
Solar 9/	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.4%
Total	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	3.3%

1/ Does not include electronic water heating portion of load.

2/ Includes small electric devices, heating elements and motors.

3/ Includes such appliances as swimming pool heaters, outdoor grills, and outdoor lighting (natural gas).

4/ Includes such appliances as swimming pool and hot tub heaters.

5/ Includes wood used for primary and secondary heating in wood stoves or fireplaces as reported in the Residential Energy Consumption Survey 1993.

6/ Includes kerosene and coal.

7/ Includes all other uses listed above.

8/ Includes primary energy displaced by geothermal heat pumps in space heating and cooling applications.

9/ Includes primary energy displaced by solar thermal water heaters.

Btu = British thermal unit.

Note: Totals may not equal sum of components due to independent rounding.

Source: 1996 and 1997: Energy Information Administration (EIA), Short-Term Energy Outlook, September 1998. Online <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/contents.html> (October 15, 1998). Projections: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A.

Table 5. Commercial Sector Key Indicators and Consumption (Quadrillion Btu per year, Unless otherwise noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Key Indicators																										
Total Floorspace(bill. sq. ft.)																										
Surviving	58.0	58.8	59.6	60.5	61.2	61.9	62.4	62.9	63.4	63.8	64.3	64.7	65.2	65.6	66.0	66.5	66.9	67.2	67.5	67.8	67.9	68.0	68.1	68.0	67.9	0.6%
New Additions	1.5	1.6	1.7	1.5	1.4	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.8	0.8	-2.9%
Total	59.5	60.3	61.2	62.0	62.7	63.2	63.7	64.1	64.6	65.1	65.5	66.0	66.4	66.9	67.3	67.7	68.1	68.4	68.6	68.8	68.9	69.0	69.0	68.9	68.7	0.6%
Energy Consumption Intensity (thousand Btu/sq. ft.)																										
Delivered Energy	124.6	126.5	121.6	126.1	126.2	126.3	126.5	126.6	126.5	126.7	126.7	126.9	127.2	127.4	127.7	128.2	128.5	128.8	129.1	129.3	129.5	129.7	130.0	130.3	130.6	0.1%
Electricity Related Losses	122.9	125.9	127.6	128.5	128.8	129.5	128.7	128.0	126.0	125.6	124.8	125.0	124.8	125.2	125.0	124.9	124.7	124.4	124.0	123.4	122.9	122.8	122.9	123.1	123.2	-0.1%
Total Energy Consumption	247.5	252.4	249.2	254.7	255.0	255.9	255.3	254.6	252.5	252.2	251.5	251.8	252.0	252.6	252.7	253.1	253.2	253.2	253.1	252.7	252.4	252.5	252.9	253.5	253.8	0.0%
Delivered Energy Consumption by Fuel																										
Electricity																										
Space Heating	0.14	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.11	-0.7%
Space Cooling	0.34	0.34	0.37	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.1%
Water Heating	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	-0.7%
Ventilation	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.3%
Cooking	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	-1.0%
Lighting	1.21	1.22	1.23	1.24	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.26	1.26	1.26	1.27	1.28	1.28	1.29	1.29	1.29	1.29	1.28	1.28	1.28	1.27	0.2%
Refrigeration	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.3%
Office Equipment (PC)	0.10	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.20	0.20	0.20	0.21	0.21	0.21	0.22	0.22	0.22	0.23	3.0%
Office Equipment (non-PC)	0.28	0.29	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.36	0.37	0.38	0.39	0.40	0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.49	0.50	2.4%
Other Uses 1/	0.84	0.91	0.95	1.00	1.05	1.08	1.12	1.15	1.18	1.22	1.25	1.28	1.32	1.35	1.38	1.42	1.45	1.48	1.50	1.53	1.55	1.57	1.58	1.60	1.61	2.5%
Delivered Energy	3.35	3.44	3.54	3.62	3.69	3.74	3.80	3.85	3.88	3.94	3.98	4.04	4.09	4.14	4.19	4.25	4.30	4.34	4.38	4.41	4.44	4.47	4.49	4.51	4.53	1.2%
Natural Gas 2/																										
Space Heating	1.36	1.31	1.23	1.31	1.31	1.31	1.31	1.31	1.32	1.32	1.32	1.33	1.33	1.34	1.35	1.35	1.36	1.36	1.36	1.37	1.36	1.36	1.36	1.35	1.35	0.1%
Space Cooling	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	2.4%
Water Heating	0.62	0.62	0.63	0.63	0.63	0.64	0.64	0.64	0.65	0.65	0.65	0.65	0.66	0.66	0.67	0.67	0.67	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.4%
Cooking	0.23	0.23	0.24	0.24	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.9%
Other Uses 3/	1.02	1.20	1.10	1.33	1.33	1.35	1.36	1.37	1.38	1.39	1.40	1.41	1.42	1.43	1.44	1.46	1.46	1.47	1.48	1.49	1.49	1.49	1.49	1.49	1.49	0.9%
Delivered Energy	3.24	3.37	3.22	3.53	3.54	3.56	3.58	3.60	3.62	3.64	3.66	3.68	3.71	3.73	3.75	3.78	3.80	3.82	3.83	3.84	3.84	3.84	3.84	3.83	3.82	0.5%
Distillate																										
Space Heating	0.20	0.21	0.20	0.22	0.23	0.23	0.23	0.22	0.22	0.21	0.21	0.21	0.20	0.20	0.20	0.20	0.20	0.19	0.19	0.19	0.19	0.18	0.18	0.18	0.18	-0.7%
Water Heating	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	-0.9%
Other Uses 4/	0.23	0.23	0.11	0.09	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	-4.0%
Delivered Energy	0.48	0.49	0.37	0.37	0.38	0.38	0.37	0.37	0.36	0.36	0.35	0.34	0.34	0.34	0.34	0.34	0.33	0.33	0.33	0.33	0.32	0.32	0.32	0.31	0.31	-2.0%
Other Fuels 5/																										
	0.34	0.32	0.31	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.31	-0.1%

Table 5. Commercial Sector Key Indicators and Consumption Notes

1/ Includes miscellaneous uses, such as service station equipment, district services, automated teller machines, telecommunications equipment, and medical equipment.

2/ Excludes estimated consumption from independent power producers.

3/ Includes miscellaneous uses, such as district services, pumps, emergency electric generators, and manufacturing performed in commercial buildings.

4/ Includes miscellaneous uses, such as cooking, district services, and emergency electric generators.

5/ Includes residual fuel oil, liquefied petroleum gas, coal, motor gasoline, and kerosene.

6/ Includes miscellaneous uses, such as service station equipment, district services, automated teller machines, telecommunications equipment, medical equipment, pumps, lighting, emergency electric generators, manufacturing performed in commercial buildings, and cooking (distillate), plus residual fuel oil, liquefied petroleum gas, coal, motor gasoline, and kerosene.

7/ Includes primary energy displaced by solar thermal space heating and water heating.

Btu = British thermal unit.

PC = Personal computer.

Note: Totals may not equal sum of components due to independent rounding. Consumption values of 0.00 are value that round to 0.00 because they are less than 0.005.

Source: 1996 and 1997 Energy Information Administration (EIA), Short-Term Energy Outlook, September 1998. Online <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/contents.html> (October 15, 1998). Projections: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A.

Table 6. Industrial Sector Key Indicators and Consumption (Quadrillion Btu per year, Unless otherwise noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Key Indicators																										
Value of Gross Output (bill. 87\$)																										
Manufacturing	3045	3170	3259	3213	3234	3291	3340	3391	3451	3539	3623	3700	3771	3849	3917	3949	3995	4039	4095	4166	4184	4247	4295	4332	4356	1.4%
Nonmanufacturing	784	812	825	817	824	831	840	848	857	871	885	899	912	923	935	943	950	956	964	974	982	987	994	1002	1008	0.9%
Total	3829	3982	4084	4030	4058	4122	4180	4239	4309	4410	4508	4600	4682	4772	4852	4892	4945	4995	5059	5141	5166	5234	5289	5333	5363	1.3%
Energy Prices (1997\$ / mmBtu)																										
Electricity	13.59	13.56	13.16	13.08	12.87	12.66	12.52	12.47	12.34	12.02	11.75	11.49	11.29	11.18	11.10	10.81	10.54	10.38	10.30	10.14	10.00	9.92	9.78	9.63	9.54	-1.5%
Natural Gas	2.99	2.96	2.65	2.77	2.76	2.79	2.80	2.81	2.81	2.82	2.85	2.87	2.87	2.88	2.88	2.87	2.87	2.86	2.86	2.86	2.87	2.87	2.87	2.86	2.85	-0.2%
Steam Coal	1.44	1.44	1.40	1.39	1.37	1.36	1.35	1.33	1.32	1.30	1.29	1.28	1.26	1.25	1.24	1.22	1.20	1.19	1.18	1.16	1.15	1.14	1.13	1.11	1.10	-1.3%
Residual Oil	3.11	2.90	1.99	2.07	1.83	1.98	2.10	2.26	2.24	2.35	2.48	2.65	2.62	2.63	2.62	2.57	2.59	2.65	2.66	2.58	2.67	2.67	2.65	2.68	2.70	-0.3%
Distillate Oil	5.59	5.10	4.04	4.19	4.27	4.44	4.60	4.82	4.98	5.17	5.28	5.47	5.43	5.45	5.44	5.41	5.44	5.43	5.39	5.38	5.44	5.47	5.46	5.48	5.49	0.3%
Liquefied Petroleum Gas	8.12	8.38	4.91	5.06	5.23	5.36	5.61	5.91	6.17	6.34	6.44	6.73	6.47	6.48	6.50	6.52	6.54	6.52	6.44	6.20	6.54	6.41	6.51	6.37	6.41	-1.2%
Motor Gasoline	9.98	9.69	8.20	8.37	8.60	8.80	8.99	9.23	9.44	9.61	9.78	9.87	10.01	9.95	9.94	9.80	9.78	9.85	9.78	9.75	9.77	9.69	9.67	9.62	9.57	-0.1%
Metallurgical Coal	1.79	1.77	1.74	1.72	1.70	1.69	1.67	1.66	1.64	1.63	1.61	1.59	1.58	1.56	1.55	1.53	1.51	1.50	1.48	1.47	1.45	1.44	1.43	1.41	1.40	-1.0%
Energy Consumption																										
Consumption 1/																										
Purchased Electricity	3.52	3.52	3.56	3.57	3.58	3.62	3.63	3.63	3.62	3.65	3.70	3.74	3.77	3.79	3.81	3.81	3.83	3.84	3.86	3.89	3.89	3.90	3.91	3.92	3.91	0.5%
Natural Gas 2/	10.06	9.92	10.00	10.23	10.26	10.39	10.43	10.45	10.51	10.50	10.60	10.70	10.73	10.83	10.88	10.91	10.99	11.06	11.11	11.20	11.23	11.30	11.33	11.37	11.40	0.6%
Steam Coal	1.57	1.56	1.54	1.58	1.55	1.55	1.55	1.54	1.53	1.52	1.54	1.55	1.55	1.55	1.56	1.55	1.55	1.55	1.55	1.54	1.54	1.54	1.54	1.54	1.54	-0.1%
Metallurgical Coal and Coke 3/	0.85	0.81	0.86	0.87	0.87	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75	0.75	0.74	0.73	0.72	-0.5%
Residual Fuel	0.30	0.28	0.27	0.27	0.29	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30	0.30	0.31	0.31	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.30	0.3%
Distillate	1.11	1.13	1.11	1.12	1.14	1.15	1.16	1.17	1.19	1.21	1.22	1.23	1.24	1.26	1.27	1.27	1.28	1.28	1.29	1.31	1.31	1.31	1.32	1.33	1.33	0.7%
Liquefied Petroleum Gas	2.14	2.14	2.10	2.13	2.14	2.16	2.17	2.16	2.18	2.19	2.21	2.22	2.23	2.25	2.25	2.26	2.26	2.26	2.27	2.29	2.28	2.29	2.30	2.30	2.29	0.3%
Petrochemical Feedstocks	1.28	1.46	1.44	1.46	1.46	1.46	1.44	1.41	1.38	1.36	1.38	1.38	1.39	1.40	1.40	1.41	1.41	1.41	1.42	1.42	1.42	1.42	1.42	1.42	1.42	-0.1%
Other Petroleum 4/	4.39	4.33	4.32	4.36	4.70	4.67	4.72	4.72	4.70	4.74	4.76	4.78	4.84	4.83	4.87	4.84	4.82	4.82	4.82	4.85	4.85	4.84	4.83	4.81	4.80	0.5%
Renewables 5/	1.96	1.88	1.91	1.90	1.92	1.94	1.96	1.97	1.99	2.01	2.04	2.06	2.08	2.10	2.12	2.13	2.14	2.14	2.16	2.17	2.17	2.18	2.18	2.19	2.19	0.7%
Delivered Energy	27.17	27.01	27.11	27.49	27.90	28.10	28.22	28.21	28.21	28.31	28.56	28.77	28.95	29.10	29.24	29.27	29.36	29.43	29.55	29.74	29.77	29.85	29.89	29.90	29.90	0.4%
Electricity Related Losses	7.68	7.78	7.85	7.87	7.85	7.91	7.84	7.74	7.59	7.57	7.59	7.63	7.63	7.66	7.65	7.60	7.56	7.52	7.50	7.49	7.42	7.40	7.39	7.36	7.31	-0.3%
Total	34.85	34.79	34.95	35.36	35.75	36.02	36.05	35.95	35.80	35.88	36.16	36.41	36.58	36.76	36.89	36.86	36.91	36.95	37.05	37.23	37.19	37.25	37.28	37.26	37.21	0.3%
Consumption / Unit of Output 1/ (thousand Btu per 1987 dollar)																										
Purchased Electricity	0.92	0.88	0.87	0.89	0.88	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.77	0.76	0.76	0.75	0.75	0.74	0.73	0.73	-0.8%
Natural Gas 2/	2.63	2.49	2.45	2.54	2.53	2.52	2.49	2.47	2.44	2.38	2.35	2.33	2.29	2.27	2.24	2.23	2.22	2.21	2.20	2.18	2.17	2.16	2.14	2.13	2.13	-0.7%
Steam Coal	0.41	0.39	0.38	0.39	0.38	0.38	0.37	0.36	0.36	0.35	0.34	0.34	0.33	0.33	0.32	0.32	0.31	0.31	0.31	0.30	0.30	0.29	0.29	0.29	0.29	-1.3%
Metallurgical Coal and Coke 3/	0.22	0.20	0.21	0.22	0.21	0.21	0.21	0.20	0.20	0.19	0.19	0.18	0.18	0.17	0.16	0.16	0.16	0.15	0.15	0.15	0.15	0.14	0.14	0.14	0.13	-1.8%
Residual Fuel	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	-1.0%
Distillate	0.29	0.28	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.27	0.27	0.27	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.25	0.25	0.25	0.25	0.25	0.25	-0.6%
Liquefied Petroleum Gas	0.56	0.54	0.51	0.53	0.53	0.52	0.52	0.51	0.50	0.49	0.49	0.48	0.47	0.47	0.46	0.46	0.46	0.45	0.45	0.45	0.44	0.44	0.43	0.43	0.43	-1.0%
Petrochemical Feedstocks	0.33	0.37	0.35	0.36	0.36	0.35	0.35	0.33	0.32	0.31	0.31	0.30	0.30	0.29	0.29	0.29	0.28	0.28	0.28	0.27	0.27	0.27	0.27	0.27	0.26	-1.4%
Other Petroleum 4/	1.15	1.09	1.06	1.08	1.16	1.13	1.13	1.11	1.09	1.08	1.06	1.04	1.03	1.01	1.00	0.99	0.97	0.96	0.95	0.94	0.94	0.92	0.91	0.90	0.90	-0.8%
Renewables 5/	0.51	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.46	0.46	0.45	0.45	0.44	0.44	0.44	0.43	0.43	0.43	0.43	0.42	0.42	0.42	0.41	0.41	0.41	-0.6%
Delivered Energy	7.09	6.78	6.64	6.82	6.87	6.82	6.75	6.65	6.55	6.42	6.34	6.26	6.18	6.10	6.03	5.98	5.94	5.89	5.84	5.78	5.76	5.70	5.65	5.61	5.57	-0.8%
Electricity Related Losses	2.01	1.95	1.92	1.95	1.93	1.92	1.88	1.83	1.76	1.72	1.68	1.66	1.63	1.61	1.58	1.55	1.53	1.51	1.48	1.46	1.44	1.41	1.40	1.38	1.36	-1.5%
Total	9.10	8.74	8.56	8.77	8.81	8.74	8.63	8.48	8.31	8.14	8.02	7.92	7.81	7.70	7.60	7.53	7.46	7.40	7.32	7.24	7.20	7.12	7.05	6.99	6.94	-1.0%

Table 6. Industrial Sector Key Indicators and Consumption Notes

1/ Fuel consumption includes consumption for cogeneration.

2/ Includes lease and plant fuel.

3/ Includes net coke coal imports.

4/ Includes petroleum coke, asphalt, road oil, lubricants, motor gasoline, still gas, and miscellaneous petroleum products.

5/ Includes consumption of energy from hydroelectric, wood and wood waste, municipal solid waste, and other biomass.

Btu = British thermal unit.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 1996 prices for gasoline and distillate are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 1996. Online. <http://www.eia.doe.gov/oil-gas/pmal/pmaframe.html> (August 1, 1998). 1997 prices for gasoline and distillate are based on prices in various issues of EIA, Petroleum Marketing Monthly, DOE/EIA-0380 (97/03-98/04) (Washington, DC, 1997-98). 1996 and 1997 coal prices: EIA, Monthly Energy Review, DOE/EIA-0035(98/08) (Washington, DC, August 1998). 1996 and 1997 electricity prices: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A. Other 1996 values and other 1997 prices derived from EIA, State Energy Data Report 1995, DOE/EIA-0214(95) (Washington, DC, December 1997). Other 1997 values: EIA, Short-Term Energy Outlook, September 1998. Online. <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/contents.html> (October 15, 1998). Projections: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A.

Table 7. Transportation Sector Key Indicators and Delivered Energy Consumption																									1997-2020	
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Key Indicators																										
Level of Travel (billions)																										
Light-Duty Veh. <8500 lbs. (VMT)	2203	2301	2319	2321	2367	2412	2452	2495	2531	2572	2613	2656	2697	2736	2778	2811	2842	2872	2902	2933	2960	2992	3020	3049	3076	1.3%
Commercial Light Trucks(VMT) 1/	68	69	71	72	73	74	75	76	78	79	80	82	83	85	86	87	88	89	90	91	91	92	93	94	95	1.4%
Freight Trucks >10000 lbs.(VMT)	161	177	193	195	198	202	205	208	211	215	218	221	224	227	229	230	232	233	235	237	237	238	239	240	240	1.3%
Air (seat miles available)	1000	1049	1115	1147	1206	1242	1288	1328	1373	1422	1477	1527	1587	1639	1689	1732	1781	1823	1873	1922	1972	2017	2070	2113	2154	3.2%
Rail (ton miles traveled)	1311	1229	1271	1290	1307	1336	1348	1358	1363	1380	1410	1426	1440	1450	1462	1483	1491	1500	1513	1526	1540	1549	1558	1566	1571	1.1%
Marine (ton miles traveled)	747	757	768	773	777	784	787	792	794	802	810	818	824	831	837	841	845	849	855	862	865	868	871	874	875	0.6%
Energy Efficiency Indicators																										
New Light-Duty Vehicle (MPG) 2/	24.2	24.0	23.2	23.4	23.5	23.6	23.8	24.0	24.1	24.3	24.6	24.9	25.0	25.2	25.4	25.7	25.8	25.9	26.0	26.1	26.3	26.3	26.4	26.5	26.5	0.4%
New Car (MPG) 2/	27.9	27.9	27.6	28.1	28.3	28.6	28.9	29.4	29.8	30.1	30.6	31.0	31.2	31.5	31.7	32.0	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.2	0.6%
New Light Truck (MPG) 2/	20.2	20.2	19.2	19.3	19.4	19.4	19.5	19.7	19.7	19.9	20.0	20.2	20.4	20.5	20.7	20.9	21.1	21.2	21.3	21.4	21.6	21.7	21.8	22.0	22.0	0.4%
Light-Duty Fleet (MPG) 3/	20.4	20.5	20.5	20.5	20.3	20.2	20.2	20.2	20.1	20.1	20.1	20.2	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	21.0	21.1	21.2	21.4	21.5	0.2%
New Comm. Light Truck (MPG) 1/	20.3	19.9	18.6	18.7	18.7	18.7	18.8	19.0	19.0	19.1	19.3	19.4	19.5	19.7	19.8	20.0	20.1	20.2	20.4	20.5	20.6	20.7	20.9	21.0	21.0	0.2%
Stock Comm. Light Truck(MPG) 1/	14.5	14.6	14.6	14.7	14.7	14.7	14.7	14.8	14.8	14.8	14.8	14.9	14.9	14.9	15.0	15.0	15.1	15.1	15.2	15.3	15.3	15.4	15.4	15.5	15.6	0.3%
Aircraft Eff. (seat miles/gal.)	50.6	51.0	51.4	51.7	52.1	52.4	52.8	53.1	53.5	53.8	54.1	54.5	54.8	55.2	55.5	55.8	56.2	56.5	56.8	57.1	57.5	57.8	58.1	58.5	58.8	0.6%
Freight Truck Efficiency (MPG)	5.2	5.6	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.9	5.9	6.0	6.0	6.0	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.2	6.2	6.2	6.2	0.5%
Rail Eff.(ton miles/thous. Btu)	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	0.5%
Domestic Shipping Efficiency (ton miles per thousand Btu)																										
	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	0.5%
Energy Use by Mode(quad. Btu)																										
Light-Duty Vehicles	13.75	13.94	14.28	14.53	14.99	15.32	15.61	15.90	16.15	16.42	16.66	16.90	17.11	17.30	17.50	17.60	17.69	17.78	17.86	17.96	18.02	18.11	18.19	18.27	18.34	1.2%
Commercial Light Trucks 1/	0.59	0.59	0.61	0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.68	0.69	0.70	0.71	0.72	0.72	0.73	0.73	0.74	0.74	0.75	0.75	0.75	0.76	0.76	1.1%
Freight Trucks 4/	4.11	4.24	4.55	4.58	4.64	4.69	4.73	4.77	4.81	4.86	4.90	4.94	4.97	5.01	5.03	5.04	5.05	5.05	5.07	5.10	5.10	5.11	5.12	5.12	5.12	0.8%
Air	3.32	3.35	3.32	3.41	3.82	3.88	3.97	4.05	4.15	4.26	4.39	4.50	4.64	4.75	4.85	4.93	5.03	5.11	5.20	5.29	5.38	5.46	5.56	5.63	5.70	2.3%
Rail 5/	0.56	0.53	0.54	0.55	0.55	0.56	0.57	0.57	0.57	0.57	0.58	0.59	0.59	0.59	0.60	0.60	0.60	0.60	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.6%
Marine 6/	1.43	1.28	1.15	1.27	1.30	1.32	1.35	1.37	1.40	1.43	1.46	1.50	1.53	1.56	1.60	1.63	1.65	1.68	1.71	1.74	1.77	1.79	1.82	1.85	1.88	1.7%
Pipeline Fuel	0.73	0.73	0.73	0.73	0.74	0.75	0.77	0.79	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.86	0.87	0.88	0.89	0.91	0.92	0.92	0.93	0.93	0.93	1.1%
Other 7/	0.19	0.24	0.25	0.25	0.26	0.26	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.6%
Total	24.68	24.91	25.43	25.95	26.91	27.42	27.89	28.36	28.80	29.29	29.77	30.22	30.66	31.04	31.43	31.66	31.90	32.11	32.35	32.62	32.81	33.03	33.25	33.44	33.61	1.3%

1/ Commercial trucks 8,500 to 10,000 pounds.

2/ Environmental Protection Agency rated miles per gallon.

3/ Combined car and light truck "on-the-road" estimate.

4/ Includes energy use by buses and military distillate consumption.

5/ Includes passenger rail.

6/ Includes military residual fuel use and recreation boats.

7/ Includes lubricants and aviation gasoline.

Btu = British thermal unit.

VMT=Vehicle miles traveled.

MPG = Miles per gallon.

Lbs. = Pounds.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 1996 pipeline fuel consumption: Energy Information Administration (EIA), Natural Gas Annual 1996, DOE/EIA-0131(96) (Washington, DC, September 1997). Other 1996 values: Federal Highway Administration, Highway Statistics 1996 (Washington, DC, 1996); Oak Ridge National Laboratory, Transportation Energy Data Book: 12, 13, 14, 15, 16, and 17, (Oak Ridge, TN, August 1997); National Highway Traffic and Safety Administration, Summary of Fuel Economy Performance, (Washington, DC, February 1997); EIA, Household Vehicle Energy Consumption 1994, DOE/EIA-0464(94) (Washington, DC, August 1997); U.S. Dept. of Commerce, Bureau of the Census, "Truck Inventory and Use Survey", TC92-T-52, (Washington DC, May 1995); EIA, Describing Current and Potential Markets for Alternative-Fuel Vehicles, DOE/EIA-0604(96) (Washington, DC, March 1996); EIA, Alternatives To Traditional Transportation Fuels 1996, DOE/EIA-0585(96) (Washington, DC, December 1997); and EIA, State Energy Data Report 1995, DOE/EIA-0214(95) (Washington, DC, December 1997). 1997: U.S. Department of Transportation, Bureau of Transportation Statistics, Air Carrier Statistics Monthly, December 1997/1996, (Washington, DC, 1997); EIA, Short-Term Energy Outlook, September 1998. Online <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/contents.html> (October 15, 1998); EIA, Fuel Oil and Kerosene Sales 1997, DOE/EIA-0535(97) (Washington, DC, August 1998); and United States Department of Defense, Defense Fuel Supply Center. Projections: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A.

Table 8. Electricity Supply, Disposition, Prices, and Emissions (Billion Kilowatthours, Unless Otherwise Noted)																											
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Generation by Fuel Type																											
Electric Generators 1/																											
Coal	1745	1796	1841	1901	1925	1942	1947	1952	1944	1947	1955	1982	1985	1995	2002	2020	2023	2033	2061	2081	2085	2098	2119	2130	2139	0.8%	
Petroleum	72	82	112	117	102	97	74	59	44	36	31	28	27	26	25	25	24	23	22	23	22	21	21	21	20	-5.9%	
Natural Gas	278	299	308	317	330	374	425	478	527	585	645	679	734	765	804	852	900	943	986	1047	1089	1131	1153	1180	1191	6.2%	
Nuclear Power	675	629	647	659	659	663	663	652	638	627	603	587	569	562	551	528	515	495	456	411	394	367	351	344	342	-2.6%	
Pumped Storage	-2	-3	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-5.0%	
Renewable Sources 2/	379	389	375	353	375	377	379	380	381	382	383	384	385	387	388	388	390	392	394	395	398	400	403	405	407	0.2%	
Total	3147	3192	3281	3346	3390	3452	3487	3519	3533	3576	3616	3659	3700	3734	3769	3811	3850	3885	3918	3956	3986	4015	4045	4078	4099	1.1%	
Non-Utility Gen. for Own Use	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	-0.4%	
Cogenerators 3/																											
Coal	60	60	59	58	58	57	57	57	57	56	56	56	56	55	55	55	55	55	54	54	54	54	54	54	54	-0.5%	
Petroleum	10	10	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	-1.3%	
Natural Gas	209	210	209	208	210	212	211	211	212	213	214	215	217	218	219	220	222	224	225	227	228	229	230	230	228	0.4%	
Other Gaseous Fuels 4/	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	1.2%	
Renewable Sources 2/	41	41	47	47	48	48	49	49	49	50	50	51	51	52	52	52	53	53	53	53	53	53	53	53	53	1.2%	
Other 5/	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0.2%	
Total	328	328	332	330	333	334	334	334	335	336	337	339	340	342	343	344	346	348	349	351	352	353	354	353	352	0.3%	
Sales to Utilities	183	183	179	178	178	178	178	178	178	178	179	179	179	179	180	180	180	180	180	181	181	181	181	181	181	181	-0.0%
Generation for Own Use	145	146	153	152	155	156	156	156	156	157	158	160	161	162	163	164	166	167	169	170	171	172	173	172	171	0.7%	
Net Imports 6/																											
Net Imports 6/	38	32	34	29	43	42	40	36	36	33	33	33	31	32	30	30	29	28	27	27	27	27	27	27	27	-0.7%	
Electricity Sales by Sector																											
Residential	1082	1072	1106	1139	1172	1200	1213	1225	1233	1242	1252	1266	1282	1290	1303	1323	1344	1357	1372	1389	1411	1422	1439	1459	1478	1.4%	
Commercial	981	1008	1039	1059	1080	1097	1113	1128	1138	1154	1167	1183	1199	1213	1227	1245	1260	1273	1283	1293	1302	1309	1316	1323	1327	1.2%	
Industrial	1030	1033	1043	1046	1051	1060	1064	1064	1061	1069	1083	1095	1103	1110	1116	1118	1121	1125	1131	1141	1140	1144	1147	1148	1146	0.5%	
Transportation	17	17	18	18	18	18	19	23	26	30	33	35	38	40	43	45	47	48	50	52	54	56	58	60	62	5.7%	
Total	3111	3130	3205	3262	3321	3376	3410	3439	3458	3495	3535	3578	3622	3653	3688	3730	3772	3804	3837	3875	3908	3932	3960	3991	4013	1.1%	
End-Use Prices (1997 cents/kwh) 7/																											
Residential	8.5	8.5	8.2	8.0	7.8	7.7	7.5	7.5	7.5	7.5	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.8	6.8	6.7	6.6	6.6	6.5	6.4	6.4	-1.2%	
Commercial	7.7	7.6	7.4	7.3	7.1	6.9	6.7	6.7	6.6	6.5	6.5	6.3	6.2	6.1	6.1	5.9	5.8	5.7	5.7	5.6	5.6	5.5	5.4	5.3	5.3	-1.6%	
Industrial	4.6	4.6	4.5	4.5	4.4	4.3	4.3	4.3	4.2	4.1	4.0	3.9	3.9	3.8	3.8	3.7	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.3	-1.5%	
Transportation	5.5	5.6	5.5	5.4	5.3	5.2	5.1	5.1	5.0	4.9	4.9	4.8	4.7	4.7	4.7	4.5	4.4	4.4	4.4	4.3	4.3	4.2	4.2	4.1	4.1	-1.3%	
All Sectors Average	6.9	6.9	6.7	6.6	6.5	6.4	6.2	6.2	6.2	6.1	6.0	5.9	5.8	5.8	5.7	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2	5.1	5.1	-1.3%	
Emissions (million short tons)																											
Sulfur Dioxide	12.31	12.79	13.05	13.31	11.33	11.23	10.97	10.77	10.58	10.35	9.92	10.24	9.80	9.46	9.07	8.95	8.95	8.95	8.89	9.01	8.95	8.95	8.95	8.95	8.94	-1.5%	
Nitrogen Oxide	5.88	5.89	5.92	6.11	4.61	4.66	4.64	3.90	3.83	3.83	3.84	3.89	3.92	3.93	3.95	3.98	3.99	4.00	4.04	4.08	4.08	4.10	4.11	4.11	4.10	-1.6%	

Table 8. Electricity Supply, Disposition, Prices, and Emissions Notes

1/ Includes grid-connected generation at all utilities and nonutilities except for cogenerators. Includes small power producers and exempt wholesale generators.

2/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, landfill gas, other biomass, solar, and wind power.

3/ Cogenerators produce electricity & other useful thermal energy. Includes sales to utilities and generation for own use.

4/ Other gaseous fuels include refinery and still gas.

5/ Other includes hydrogen, sulfur, batteries, chemicals, fish oil, and spent sulfite liquor.

6/ In 1997 approximately two-thirds of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions.

7/ Prices represent average revenue per kilowatthour.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 1996 and 1997 commercial and transportation sales derived from: Total transportation plus commercial sales come from Energy Information Administration (EIA), State Energy Data Report 1995, DOE/EIA-0214(95) (Washington, DC, December 1997), but individual sectors do not match because sales taken from commercial and placed in transportation, according to Oak Ridge National Laboratories, Transportation Energy Data Book 17(July 1996) which indicates the transportation value should be higher. 1996 and 1997 generation by electric utilities, nonutilities, and cogenerators, net electricity imports, residential sales, and industrial sales: EIA, Annual Energy Review 1997, DOE/EIA-0384(97) (Washington, DC, July 1998). 1996 and 1997 residential electricity prices derived from EIA, Short-Term Energy Outlook, September 1998. Online <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/contents.html> (October 15, 1998). 1996 and 1997 electricity prices for commercial, industrial, and transportation; emissions; and projections: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A.

Table 9. Electricity Generating Capability (Thousand Megawatts)																											
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Net Summer Capability 1/																											
Electric Generators 2/																											
Capability																											
Coal Steam	304.7	304.7	305.2	304.7	305.4	305.8	305.8	303.8	303.4	304.4	304.8	305.3	305.4	305.1	305.6	306.6	307.0	308.0	309.2	309.9	311.1	312.7	314.7	316.3	318.1	0.2%	
Other Fossil Steam 3/	137.8	138.7	138.6	138.6	138.4	138.3	138.2	120.6	108.3	101.6	96.9	88.1	81.4	77.1	76.5	75.6	75.6	74.3	73.5	73.5	73.1	72.9	72.3	71.6	70.9	-2.9%	
Combined Cycle	15.4	16.4	17.2	17.3	26.1	30.1	43.2	52.3	69.2	83.9	93.4	100.2	103.4	107.2	112.2	121.2	129.2	137.4	143.8	152.9	160.5	168.6	173.6	178.5	182.8	11.1%	
Combustion Turbine/Diesel	70.1	78.2	89.0	96.0	99.3	102.6	108.4	122.4	127.4	133.4	133.8	133.6	134.5	137.2	144.3	148.3	152.2	152.1	157.0	163.6	167.0	168.4	169.2	171.6	172.2	3.5%	
Nuclear Power	100.7	99.0	95.5	95.5	94.8	94.1	94.1	90.4	87.6	86.6	81.4	78.8	77.9	76.9	73.4	72.3	70.3	65.6	57.4	55.3	50.3	48.7	47.0	47.0	46.1	-3.3%	
Pumped Storage	19.6	19.6	19.9	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	0.4%
Fuel Cells	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4%	
Renewable Sources 4/	87.7	87.9	88.5	89.2	89.7	90.2	90.6	90.7	90.8	91.1	91.2	91.4	91.7	92.0	92.0	92.1	92.3	92.6	92.8	93.1	93.4	93.7	94.0	94.4	94.8	0.3%	
Total	736.0	744.5	753.8	762.8	775.2	782.5	801.7	801.8	808.3	822.5	823.1	819.0	815.9	816.9	825.6	837.6	848.2	851.6	855.3	869.9	877.0	886.6	892.2	900.9	906.4	0.9%	
Cumulative Planned Additions 5/																											
Coal Steam	0.1	0.1	0.1	0.1	0.9	0.8	0.8	0.8	0.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	12.6%	
Other Fossil Steam 3/	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A	
Combined Cycle	0.5	0.7	1.5	1.6	2.0	2.5	3.6	3.8	4.8	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	9.2%	
Combustion Turbine/Diesel	1.1	1.5	2.4	3.9	6.7	7.8	11.3	13.9	16.7	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	11.7%	
Nuclear Power	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A	
Pumped Storage	0.0	0.0	0.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	N/A	
Fuel Cells	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1%	
Renewable Sources 4/	0.1	0.1	0.5	1.2	1.6	2.0	2.3	2.3	2.4	2.5	2.5	2.6	2.6	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	16.1%	
Total	1.7	2.5	5.0	8.9	13.3	15.3	20.1	22.9	26.7	29.8	29.9	30.0	30.0	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	11.5%	
Cumulative Unplanned Additions 5/																											
Coal Steam	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.6	1.0	1.4	2.1	2.8	2.9	3.5	4.0	5.1	5.4	6.5	8.3	8.9	10.1	11.7	14.3	15.9	17.7	N/A	
Other Fossil Steam 3/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A	
Combined Cycle	0.0	0.0	0.0	0.0	8.4	11.9	23.9	32.8	48.8	62.9	72.4	79.2	82.4	86.2	91.2	100.2	108.2	116.4	122.9	132.0	139.5	147.6	152.6	157.5	161.8	N/A	
Combustion Turbine/Diesel	13.3	20.2	30.1	35.8	36.1	38.3	40.6	53.0	57.0	61.3	62.1	62.2	63.3	66.3	73.6	78.0	83.1	85.1	90.0	96.6	100.2	102.0	102.9	105.4	106.8	7.5%	
Nuclear Power	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A	
Pumped Storage	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A	
Fuel Cells	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A	
Renewable Sources 4/	0.8	0.8	0.8	0.9	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.7	1.8	2.1	2.2	2.3	2.6	3.0	3.3	3.5	3.9	4.2	4.7	5.0	5.5	8.6%	
Total	14.1	21.0	30.9	36.6	45.3	51.5	66.0	87.5	108.0	127.0	138.1	145.9	150.4	158.0	171.0	185.6	199.4	211.0	224.4	241.0	253.8	265.6	274.4	283.9	291.8	12.1%	
Cumulative Total Additions	15.8	23.5	35.8	45.5	58.6	66.8	86.1	110.4	134.7	156.8	168.0	175.8	180.5	188.1	201.2	215.8	229.6	241.1	254.5	271.1	283.9	295.8	304.6	314.0	322.0	12.1%	
Cumulative Retirements 6/	12.7	14.8	18.4	18.5	19.4	20.4	20.7	45.0	62.9	70.9	81.5	93.5	101.2	107.4	111.6	114.2	117.4	125.6	135.3	137.3	143.0	145.3	148.4	149.2	151.6	10.7%	

Table 9. Electricity Generating Capability (Thousand Megawatts)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Net Summer Capability 1/																										
Cogenerators 7/																										
Capability																										
Coal	9.4	9.4	9.9	9.8	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	0.1%
Petroleum	1.4	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.1%
Natural Gas	32.1	33.4	34.0	33.9	34.8	34.9	34.8	34.8	35.0	35.1	35.2	35.4	35.6	35.7	35.9	36.0	36.2	36.4	36.6	36.8	36.9	37.1	37.2	37.1	36.9	0.4%
Other Gaseous Fuels	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.5%
Renewables 4/	6.8	6.9	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	0.6%
Other	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.9%
Total	50.5	51.8	53.5	53.3	54.4	54.6	54.5	54.6	54.7	54.9	55.0	55.2	55.4	55.6	55.8	55.9	56.2	56.4	56.5	56.8	56.9	57.0	57.2	57.1	56.8	0.4%
Cumulative Additions 5/	18.9	20.2	21.9	21.7	22.8	23.0	22.9	22.9	23.1	23.2	23.4	23.6	23.8	24.0	24.2	24.3	24.5	24.7	24.9	25.1	25.3	25.4	25.5	25.5	25.2	1.0%

1/ Net summer capability is the steady hourly output that generating equipment is expected to supply to system load (exclusive of auxiliary power), as demonstrated by tests during summer peak demand.

2/ Includes grid-connected utilities and nonutilities except for cogenerators. Includes small power producers and exempt wholesale generators.

3/ Includes oil-, gas-, and dual-fired capability.

4/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, landfill gas, other biomass, solar and wind power.

5/ Cumulative additions after December 31, 1996. Non-zero utility planned additions in 1996 indicate units operational in 1996 but not supplying power to the grid.

6/ Cumulative total retirements from 1990.

7/ Nameplate capacity is reported for nonutilities on Form EIA-867, "Annual Nonutility Power Producer Report." Nameplate capacity is designated by the manufacturer. The nameplate capacity has been converted to the net summer capability based on historic relationships.

N/A = Not applicable.

Notes: Totals may not equal sum of components due to independent rounding. Net summer capability has been estimated for nonutility generators for AEO99. Net summer capacity is used to be consistent with electric utility capacity estimates. Data for electric utility capacity are the most recent data available as of July 1, 1998. Therefore, capacity estimates may differ from other Energy Information Administration sources.

Sources: 1996 and 1997 net summer capability at electric utilities and planned additions: Energy Information Administration (EIA), Form EIA-860, "Annual Electric Generator Report." Net summer capability for nonutilities and cogeneration in 1996 and 1997 and planned additions estimated based on EIA, Form EIA-867, "Annual Nonutility Power Producer Report." Projections: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A.

Table 10. Electricity Trade (Billion Kilowatthours, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Interregional Electricity Trade																										
Gross Domestic Firm Power Sales	173.4	190.3	187.4	179.3	167.9	161.2	160.5	158.3	157.9	152.3	148.6	148.6	148.6	148.6	148.6	148.6	148.6	148.6	148.6	148.6	148.6	148.6	148.6	148.6	148.6	-1.1%
Gross Domestic Economy Sales	65.2	87.6	72.0	68.0	78.9	87.2	88.5	83.8	87.0	82.6	83.9	81.3	72.9	71.4	68.2	65.8	66.4	67.3	65.9	69.6	72.8	73.2	70.6	73.5	77.8	-0.5%
Gross Domestic Trade	238.6	277.9	259.4	247.4	246.8	248.4	249.0	242.1	244.9	234.9	232.5	230.0	221.6	220.0	216.8	214.4	215.0	215.9	214.5	218.2	221.4	221.9	219.3	222.1	226.5	-0.9%
Gross Domestic Firm Power Sales (million 1997 dollars)	8148	8942	8808	8426	7890	7574	7543	7439	7422	7159	6984	6984	6984	6984	6984	6984	6984	6984	6984	6984	6984	6984	6984	6984	6984	-1.1%
Gross Domestic Economy Sales (million 1997 dollars)	1558	2187	1546	1499	1710	2013	1994	1927	1907	1817	1845	1815	1675	1649	1568	1508	1507	1510	1461	1522	1565	1562	1491	1534	1608	-1.3%
Gross Domestic Sales (million 1997 dollars)	9706	11129	10354	9925	9601	9587	9537	9367	9328	8976	8828	8798	8658	8633	8552	8491	8491	8493	8445	8506	8549	8545	8474	8517	8592	-1.1%
International Electricity Trade																										
Firm Power Imp. From Can.&Mex. 1/	26.1	23.9	26.5	24.6	36.0	27.9	25.3	25.3	23.7	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	-0.9%
Economy Imp. From Canada&Mex. 1/	20.7	18.0	20.3	20.4	22.2	29.2	29.8	31.6	33.1	34.7	34.8	35.0	33.6	33.9	32.9	32.0	31.1	30.0	29.1	29.9	29.9	29.9	29.9	29.9	29.9	2.2%
Gross Imp. From Canada & Mex. 1/	46.8	42.0	46.8	44.9	58.1	57.1	55.2	56.9	56.8	54.1	54.2	54.4	52.9	53.2	52.2	51.3	50.4	49.4	48.5	49.3	49.2	49.2	49.3	49.3	49.1	0.7%
Firm Power Exports To Canada&Mex.	2.8	4.7	6.2	9.6	8.9	8.9	8.9	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	4.9%
Economy Exports To Canada & Mex.	6.4	5.3	6.2	6.3	6.4	6.5	6.6	6.7	6.9	7.0	7.1	7.2	7.4	7.5	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	1.6%
Gross Exports To Canada & Mex.	9.3	10.0	12.4	15.9	15.3	15.4	15.5	20.8	21.0	21.1	21.2	21.4	21.5	21.6	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	3.4%

1/ Historically electric imports were primarily from renewable resources, principally hydroelectric.

Note: Totals may not equal sum of components due to independent rounding. Firm Power Sales are capacity sales, meaning the delivery of the power is scheduled as part of the normal operating conditions of the affected electric systems. Economy Sales are subject to curtailment or cessation of delivery by the supplier in accordance with prior agreements or under specified conditions.

Sources: 1996 and 1997 interregional electricity trade data: Energy Information Administration (EIA), Bulk Power Data System. 1996 and 1997 international electricity trade data: DOE Form FE-718R, "Annual Report of International Electrical Export/Import Data." 1996 and 1997 Firm/economy share: National Energy Board, Annual Report 1993. 1996 and 1997 Planned interregional and international firm power sales: DOE Form IE-411, "Coordinated Bulk Power Supply Program Report," April 1995. Projections: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A.

Table 11. Petroleum Supply and Disposition Balance (Million Barrels per Day, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Crude Oil																										
Domestic Crude Production 1/	6.47	6.45	6.41	6.33	6.29	6.20	6.04	5.94	5.85	5.79	5.76	5.71	5.65	5.60	5.55	5.50	5.46	5.40	5.33	5.26	5.20	5.13	5.06	4.97	4.87	-1.2%
Alaska	1.40	1.30	1.20	1.19	1.19	1.14	1.10	1.05	1.01	0.97	0.93	0.89	0.85	0.81	0.77	0.74	0.70	0.67	0.64	0.61	0.59	0.56	0.54	0.51	0.49	-4.1%
Lower 48 States	5.07	5.15	5.21	5.14	5.10	5.06	4.94	4.88	4.83	4.82	4.83	4.82	4.80	4.79	4.78	4.76	4.75	4.73	4.69	4.65	4.61	4.57	4.52	4.46	4.38	-0.7%
Net Imports	7.40	8.12	8.35	8.40	8.87	8.98	9.29	9.41	9.57	9.64	9.81	9.97	10.14	10.24	10.44	10.52	10.70	10.79	10.93	11.03	11.14	11.21	11.27	11.33	11.42	1.5%
Gross Imports	7.51	8.23	8.45	8.50	8.95	9.05	9.36	9.47	9.62	9.69	9.87	10.02	10.18	10.29	10.49	10.56	10.73	10.83	10.96	11.06	11.16	11.24	11.29	11.34	11.43	1.4%
Exports	0.11	0.11	0.10	0.10	0.08	0.07	0.07	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.01	-9.2%
Other Crude Supply 2/	0.33	0.09	0.16	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total Crude Supply	13.87	14.57	14.76	14.73	15.15	15.18	15.33	15.35	15.41	15.43	15.57	15.67	15.79	15.84	15.99	16.02	16.15	16.20	16.26	16.30	16.34	16.34	16.33	16.30	16.29	0.5%
Natural Gas Plant Liquids	1.83	1.82	1.80	1.82	1.78	1.82	1.84	1.87	1.88	1.90	1.93	1.95	1.98	2.00	2.02	2.04	2.07	2.10	2.12	2.16	2.18	2.20	2.21	2.22	2.23	0.9%
Other Inputs 3/	0.37	0.28	0.31	0.42	0.28	0.29	0.27	0.27	0.27	0.27	0.28	0.29	0.27	0.31	0.27	0.25	0.25	0.27	0.26	0.32	0.26	0.26	0.29	0.26	0.26	-0.3%
Refinery Processing Gain 4/	0.84	0.85	0.84	0.85	0.85	0.83	0.84	0.85	0.86	0.86	0.88	0.90	0.89	0.89	0.89	0.89	0.90	0.89	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.2%
Net Product Imports 5/	1.10	1.04	0.91	1.03	1.72	1.89	1.85	1.90	1.92	2.09	2.11	2.17	2.29	2.34	2.41	2.48	2.41	2.42	2.46	2.48	2.54	2.61	2.68	2.80	2.86	4.5%
Gross Refined Prod. Imports 6/	1.55	1.52	1.38	1.43	2.11	2.36	2.25	2.32	2.35	2.55	2.59	2.58	2.78	2.74	2.83	2.89	2.88	2.88	2.94	2.95	2.99	3.05	3.14	3.30	3.36	3.5%
Unfinished Oil Imports	0.37	0.35	0.31	0.39	0.45	0.38	0.45	0.46	0.46	0.45	0.42	0.50	0.41	0.52	0.49	0.48	0.42	0.42	0.39	0.41	0.42	0.45	0.42	0.37	0.38	0.3%
Ethers Imported	0.05	0.06	0.06	0.06	0.04	0.01	0.03	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Exports	0.87	0.90	0.85	0.85	0.89	0.87	0.88	0.88	0.89	0.90	0.91	0.91	0.91	0.92	0.92	0.90	0.89	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.88	-0.1%
Total Primary Supply 7/	18.00	18.55	18.62	18.85	19.78	20.00	20.13	20.24	20.34	20.55	20.77	20.97	21.21	21.39	21.59	21.68	21.78	21.86	21.98	22.13	22.20	22.29	22.38	22.46	22.52	0.8%
Refined Petrol. Products Supp.																										
Motor Gasoline 8/	7.88	7.99	8.16	8.27	8.57	8.72	8.85	8.97	9.07	9.19	9.30	9.41	9.51	9.59	9.68	9.72	9.75	9.79	9.82	9.86	9.88	9.92	9.95	9.98	10.01	1.0%
Jet Fuel 9/	1.58	1.60	1.58	1.63	1.82	1.85	1.89	1.93	1.98	2.04	2.09	2.15	2.21	2.26	2.31	2.35	2.40	2.43	2.48	2.52	2.56	2.60	2.64	2.68	2.71	2.3%
Distillate Fuel 10/	3.36	3.43	3.49	3.54	3.57	3.60	3.63	3.64	3.66	3.69	3.72	3.74	3.77	3.79	3.81	3.82	3.83	3.84	3.86	3.88	3.88	3.89	3.90	3.91	3.91	0.6%
Residual Fuel	0.88	0.83	0.89	0.96	0.91	0.90	0.81	0.75	0.69	0.67	0.66	0.66	0.67	0.67	0.68	0.69	0.70	0.70	0.71	0.73	0.73	0.74	0.75	0.76	0.76	-0.4%
Other 11/	4.68	4.77	4.74	4.79	4.96	4.97	5.00	4.98	4.96	4.99	5.03	5.05	5.10	5.11	5.14	5.13	5.13	5.14	5.15	5.18	5.17	5.17	5.17	5.16	5.15	0.3%
Total	18.39	18.62	18.86	19.19	19.83	20.04	20.18	20.28	20.37	20.59	20.80	21.01	21.25	21.42	21.63	21.72	21.81	21.90	22.01	22.16	22.23	22.32	22.41	22.48	22.54	0.8%
Refined Petrol. Products Supp.																										
Residential and Commercial	1.17	1.18	1.07	1.08	1.08	1.07	1.06	1.04	1.03	1.02	1.01	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.91	0.91	-1.1%
Industrial 12/	4.87	4.92	4.87	4.94	5.11	5.12	5.15	5.13	5.11	5.15	5.18	5.20	5.25	5.26	5.30	5.30	5.30	5.30	5.32	5.35	5.35	5.35	5.36	5.35	5.34	0.4%
Transportation	12.02	12.14	12.40	12.64	13.18	13.42	13.64	13.84	14.03	14.26	14.48	14.69	14.89	15.06	15.24	15.34	15.45	15.54	15.65	15.76	15.85	15.94	16.04	16.13	16.21	1.3%
Electric Generators 13/	0.34	0.38	0.51	0.54	0.47	0.44	0.34	0.27	0.20	0.16	0.14	0.13	0.12	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	-6.1%
Total	18.39	18.62	18.86	19.19	19.83	20.04	20.18	20.28	20.37	20.59	20.80	21.01	21.25	21.42	21.63	21.72	21.81	21.90	22.01	22.16	22.23	22.32	22.41	22.48	22.54	0.8%
Discrepancy 14/	-0.39	-0.07	-0.24	-0.35	-0.05	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.02	-0.02	N/A
World Oil Price (1997 \$/bbl) 15/	21.01	18.55	12.35	13.19	13.85	15.04	16.02	17.21	18.09	18.89	19.75	20.44	20.54	20.62	20.70	20.79	20.88	20.95	21.00	21.07	21.15	21.26	21.38	21.50	21.66	0.7%
Imp. Share of Product Supplied	0.46	0.49	0.49	0.49	0.53	0.54	0.55	0.56	0.56	0.57	0.57	0.58	0.58	0.59	0.59	0.60	0.60	0.60	0.61	0.61	0.62	0.62	0.62	0.63	0.63	1.1%
Net Expenditures for Imported Crude & Petr. Prod.(billion 97\$)	63.78	60.87	44.26	44.87	53.08	58.79	64.33	70.59	75.94	81.41	86.54	91.52	93.92	95.77	98.22	99.76	100.89	102.11	103.81	104.41	106.67	108.35	109.99	112.11	114.21	2.8%
Domestic Refinery Distill. Cap.	15.4	16.0	16.0	16.0	16.2	16.3	16.3	16.3	16.3	16.4	16.4	16.5	16.7	16.7	16.8	17.0	17.0	17.1	17.2	17.2	17.2	17.3	17.3	17.3	17.3	0.3%
Capacity Utilization Rate (%)	94.0	95.0	96.0	96.0	93.5	93.3	94.2	94.3	94.7	94.2	94.9	95.2	94.9	94.8	95.2	94.7	95.1	95.1	95.1	95.1	95.2	95.1	94.9	94.7	94.6	-0.0%

Table 11. Petroleum Supply and Disposition Balance Notes

- 1/ Includes lease condensate.
- 2/ Strategic petroleum reserve stock additions plus unaccounted for crude oil and crude stock withdrawals minus crude products supplied.
- 3/ Includes alcohols, ethers, petroleum product stock withdrawals, domestic sources of blending components, and other hydrocarbons.
- 4/ Represents volumetric gain in refinery distillation and cracking processes.
- 5/ Includes net imports of finished petroleum products, unfinished oils, other hydrocarbons, alcohols, ethers, and blending components.
- 6/ Includes blending components.
- 7/ Total crude supply plus natural gas plant liquids, other inputs, refinery processing gain, and net petroleum imports.
- 8/ Includes ethanol and ethers blended into gasoline.
- 9/ Includes naphtha and kerosene types.
- 10/ Includes distillate and kerosene.
- 11/ Includes aviation gasoline, liquefied petroleum gas, petrochemical feedstocks, lubricants, waxes, asphalt, road oil, still gas, special naphthas, petroleum coke, crude oil product supplied, and miscellaneous petroleum products.
- 12/ Includes consumption by cogenerators.
- 13/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.
- 14/ Balancing item. Includes unaccounted for supply, losses and gains.
- 15/ Average refiner acquisition cost for imported crude oil.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 1996 and 1997 expenditures for imported crude oil and petroleum products based on internal calculations. 1996 and 1997 product supplied data from Table 2. Other 1996 data: Energy Information Administration (EIA), Petroleum Supply Annual 1996, DOE/EIA-0340(96/1) (Washington, DC. June 1997). Other 1997 data: EIA, Petroleum Supply Annual 1997, DOE/EIA-0340(97/1) (Washington, DC. June 1998). Projections: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A.

Table 12. Petroleum Product Prices (1997 Cents Per Gallon, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
World Oil Price (97\$/bbl)	21.01	18.55	12.35	13.19	13.85	15.04	16.02	17.21	18.09	18.89	19.75	20.44	20.54	20.62	20.70	20.79	20.88	20.95	21.00	21.07	21.15	21.26	21.38	21.50	21.66	0.7%
Delivered Sector Product Prices																										
Residential																										
Distillate Fuel	99.5	97.1	81.9	83.6	89.3	91.9	94.0	97.1	99.3	101.6	103.6	105.6	105.5	105.8	105.8	105.3	105.5	105.3	105.0	104.4	103.7	103.6	103.8	104.1	104.4	0.3%
Liquefied Petroleum Gas	101.5	100.2	89.0	90.3	90.4	91.9	94.2	97.0	99.6	101.4	102.4	105.0	103.0	103.5	103.9	104.0	104.2	104.2	103.6	101.5	104.4	103.6	104.3	103.0	103.4	0.1%
Commercial																										
Distillate Fuel	74.2	68.4	54.7	56.8	58.5	60.9	63.0	66.1	68.2	70.6	72.4	74.6	74.4	74.6	74.5	74.0	74.3	74.1	73.7	73.3	73.3	73.4	73.4	73.7	73.9	0.3%
Residual Fuel	49.0	51.6	36.6	37.6	33.9	35.9	37.0	39.8	41.1	42.0	43.3	46.1	46.0	45.0	45.4	45.5	45.7	46.8	47.3	45.6	47.3	47.3	47.5	47.8	48.1	-0.3%
Residual Fuel(97\$/bbl)	20.60	21.67	15.35	15.78	14.23	15.09	15.55	16.72	17.25	17.62	18.20	19.38	19.32	18.90	19.06	19.09	19.18	19.65	19.88	19.17	19.88	19.85	19.93	20.06	20.22	-0.3%
Industrial 1/																										
Distillate Fuel	77.5	70.7	56.1	58.1	59.2	61.5	63.8	66.8	69.0	71.7	73.2	75.9	75.3	75.6	75.5	75.0	75.4	75.3	74.8	74.7	75.5	75.8	75.8	76.0	76.1	0.3%
Liquefied Petroleum Gas	70.0	72.4	42.4	43.7	45.1	46.2	48.4	51.0	53.2	54.8	55.6	58.1	55.8	55.9	56.1	56.3	56.5	56.3	55.6	53.5	56.5	55.3	56.2	55.0	55.3	-1.2%
Residual Fuel	46.5	43.4	29.8	31.0	27.4	29.7	31.5	33.8	33.5	35.2	37.1	39.7	39.2	39.4	39.3	38.5	38.8	39.7	39.9	38.6	40.0	40.0	39.7	40.1	40.4	-0.3%
Residual Fuel(97\$/bbl)	19.53	18.21	12.52	13.01	11.50	12.46	13.21	14.19	14.07	14.80	15.59	16.67	16.47	16.54	16.49	16.16	16.28	16.67	16.75	16.21	16.82	16.81	16.67	16.84	16.98	-0.3%
Transportation																										
Diesel Fuel (Distillate) 2/	124.9	118.4	102.4	101.7	103.6	104.8	106.3	108.6	110.2	113.2	114.1	116.3	114.7	114.2	113.1	111.3	110.6	110.4	109.3	108.6	108.4	107.7	106.8	106.5	105.8	-0.5%
Jet Fuel 3/	75.6	70.2	52.2	54.2	55.4	57.6	60.4	63.4	66.0	69.0	71.7	74.4	74.5	74.3	74.1	73.8	74.1	74.3	74.1	73.5	74.2	74.2	74.4	74.4	75.3	0.3%
Motor Gasoline 4/	125.1	121.4	103.1	105.2	106.5	108.8	111.1	114.1	116.7	118.7	120.9	122.0	123.8	123.1	122.9	121.2	120.9	121.8	121.0	120.5	120.6	119.7	119.4	118.7	118.1	-0.1%
Liquefied Petroleum Gas	108.5	103.6	99.3	100.6	100.2	101.5	102.9	105.4	107.6	109.1	109.5	111.5	109.2	109.2	109.1	108.5	108.2	107.9	107.0	104.5	107.0	105.7	105.9	104.4	104.3	0.0%
Residual Fuel	42.3	46.2	28.2	29.3	19.5	22.3	24.4	27.1	29.8	31.7	33.9	37.1	36.8	37.0	37.2	37.2	37.8	37.9	37.8	37.4	37.7	38.5	37.6	38.8	38.9	-0.7%
Residual Fuel(97\$/bbl)	17.75	19.40	11.83	12.31	8.18	9.35	10.26	11.37	12.53	13.32	14.24	15.59	15.47	15.54	15.61	15.62	15.86	15.93	15.87	15.69	15.82	16.16	15.81	16.30	16.33	-0.7%
E85	144.2	145.8	127.3	128.8	129.5	133.2	136.7	140.9	144.4	147.2	150.0	151.7	153.6	152.9	152.9	151.4	151.1	151.8	152.1	151.0	151.6	152.5	150.8	154.0	152.9	0.2%
M85	82.1	97.3	86.3	76.0	71.5	76.8	79.0	81.6	83.6	85.3	88.9	90.3	90.6	90.4	90.4	92.0	91.9	92.0	91.8	91.7	91.7	91.7	91.7	91.7	91.8	-0.3%
Electric Generators 5/																										
Distillate Fuel	68.8	61.4	48.6	50.8	52.8	55.2	57.4	60.7	62.6	65.1	66.7	69.4	69.0	69.2	69.2	68.7	69.2	69.1	68.5	68.4	69.0	69.4	69.1	69.6	69.8	0.6%
Residual Fuel	47.4	41.3	31.6	32.7	32.6	34.7	36.2	38.8	40.5	43.3	46.3	50.8	50.9	52.2	52.1	51.6	52.6	53.9	53.6	53.7	54.6	55.0	54.0	55.7	56.6	1.4%
Residual Fuel(97\$/bbl)	19.90	17.36	13.29	13.74	13.69	14.59	15.19	16.28	17.03	18.17	19.45	21.34	21.37	21.93	21.87	21.67	22.10	22.65	22.53	22.56	22.95	23.11	22.69	23.38	23.77	1.4%
Refined Petroleum Product Prices 6/																										
Distillate Fuel	110.2	104.2	90.0	90.1	92.5	94.1	95.9	98.6	100.4	103.3	104.5	106.8	105.6	105.4	104.6	103.2	102.8	102.7	101.7	101.2	101.1	100.7	100.0	99.9	99.5	-0.2%
Jet Fuel 3/	75.6	70.2	52.2	54.2	55.4	57.6	60.4	63.4	66.0	69.0	71.7	74.4	74.5	74.3	74.1	73.8	74.1	74.3	74.1	73.5	74.2	74.2	74.4	74.4	75.3	0.3%
Liquefied Petroleum Gas	76.1	77.7	51.7	53.1	54.5	55.8	58.1	60.9	63.4	65.1	66.0	68.6	66.4	66.6	66.8	67.0	67.1	67.0	66.3	64.1	67.1	66.0	66.7	65.5	65.8	-0.7%
Motor Gasoline 4/	125.1	121.4	103.1	105.2	106.5	108.8	111.1	114.1	116.7	118.7	120.9	122.0	123.8	123.1	122.9	121.2	120.9	121.8	121.0	120.5	120.6	119.7	119.4	118.7	118.1	-0.1%
Residual Fuel	45.1	44.1	30.6	31.6	27.3	29.5	30.5	32.5	33.7	35.2	37.1	40.1	39.7	39.8	39.5	39.5	40.0	40.4	40.2	39.6	40.1	40.7	39.9	40.9	41.0	-0.3%
Residual Fuel (97\$/bbl)	18.93	18.53	12.85	13.26	11.46	12.38	12.82	13.66	14.16	14.80	15.59	16.86	16.68	16.72	16.72	16.61	16.80	16.96	16.90	16.64	16.86	17.08	16.76	17.17	17.22	-0.3%
Average	104.8	101.2	83.0	84.4	86.1	88.3	90.8	94.0	96.5	98.9	100.8	102.6	102.9	102.5	102.2	101.0	100.8	101.2	100.4	99.6	100.0	99.4	99.2	98.7	98.4	-0.1%

Table 12. Petroleum Product Prices Notes

1/ Includes cogenerators. Includes Federal and State taxes while excluding county and state taxes.

2/ Low sulfur diesel fuel. Includes Federal and State taxes while excluding county and local taxes.

3/ Kerosene-type jet fuel.

4/ Sales weighted-average price for all grades. Includes Federal and State taxes while excluding county and local taxes.

5/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

6/ Weighted averages of end-use fuel prices are derived from the prices in each sector and the corresponding sectoral consumption.

Sources: 1996 prices for gasoline, distillate, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 1996. Online. <http://www.eia.doe.gov/oil-gas/pmal/pmaframe.html> (August 1, 1998). 1997 prices for gasoline, distillate, and jet fuel are based on prices in various issues of EIA, Petroleum Marketing Monthly, DOE/EIA-0380 (97/03-98/04) (Washington, DC, 1997-98). 1996 and 1997 prices for all other petroleum products are derived from EIA, State Energy Price and Expenditures Report: 1995, DOE/EIA-0376(95) (Washington, DC, August, 1998). Projections: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A.

Table 13. Natural Gas Supply and Disposition (Trillion Cubic Feet per Year)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997- 2020
Production																										
Dry Gas Production 1/	18.79	18.94	18.80	19.13	19.16	19.59	19.88	20.29	20.45	20.70	21.08	21.34	21.70	21.97	22.26	22.55	22.91	23.20	23.50	23.97	24.24	24.51	24.67	24.83	24.93	1.2%
Supplemental Natural Gas 2/	0.11	0.12	0.12	0.13	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	-2.9%
Net Imports	2.79	2.84	2.92	3.16	3.27	3.36	3.36	3.36	3.46	3.56	3.72	3.84	3.99	4.07	4.17	4.28	4.36	4.42	4.51	4.54	4.57	4.63	4.65	4.67	4.69	2.2%
Canada	2.83	2.84	2.89	3.10	3.19	3.27	3.24	3.21	3.29	3.36	3.49	3.62	3.77	3.86	3.97	4.08	4.17	4.24	4.33	4.37	4.41	4.47	4.51	4.54	4.57	2.1%
Mexico	-0.02	-0.02	-0.03	-0.03	-0.04	-0.04	-0.05	-0.05	-0.06	-0.06	-0.07	-0.07	-0.08	-0.08	-0.09	-0.09	-0.10	-0.10	-0.11	-0.12	-0.12	-0.14	-0.15	-0.16	-0.17	9.4%
Liquefied Natural Gas	-0.03	0.02	0.05	0.10	0.12	0.14	0.16	0.20	0.23	0.27	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	12.9%
Total Supply	21.69	21.89	21.84	22.43	22.54	23.07	23.35	23.77	24.03	24.38	24.91	25.29	25.80	26.15	26.50	26.89	27.33	27.69	28.07	28.58	28.87	29.20	29.38	29.57	29.67	1.3%
Consumption by Sector																										
Residential	5.23	5.00	4.62	5.04	5.04	5.03	5.03	5.03	5.06	5.06	5.07	5.09	5.12	5.13	5.16	5.19	5.24	5.26	5.29	5.31	5.35	5.35	5.36	5.37	5.40	0.3%
Commercial	3.15	3.28	3.13	3.43	3.44	3.46	3.47	3.49	3.52	3.54	3.56	3.58	3.60	3.63	3.65	3.67	3.69	3.71	3.72	3.73	3.73	3.73	3.73	3.72	3.72	0.5%
Industrial 3/	8.53	8.40	8.47	8.68	8.68	8.77	8.76	8.75	8.77	8.74	8.82	8.90	8.91	8.99	9.01	9.02	9.07	9.11	9.15	9.20	9.21	9.25	9.27	9.28	9.30	0.4%
Electric Generators 4/	3.09	3.33	3.14	3.21	3.16	3.51	3.72	3.99	4.14	4.44	4.82	5.05	5.44	5.64	5.88	6.17	6.45	6.69	6.97	7.33	7.56	7.81	7.93	8.08	8.12	4.0%
Lease and Plant Fuel 5/	1.25	1.25	1.25	1.26	1.29	1.33	1.37	1.41	1.44	1.46	1.48	1.50	1.53	1.54	1.57	1.59	1.61	1.63	1.65	1.69	1.71	1.73	1.75	1.77	1.79	1.6%
Pipeline Fuel	0.71	0.71	0.71	0.71	0.72	0.73	0.75	0.77	0.77	0.79	0.80	0.81	0.82	0.83	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90	0.90	0.91	0.91	1.1%
Transportation 6/	0.01	0.01	0.02	0.04	0.06	0.08	0.11	0.13	0.15	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.26	0.26	0.27	0.28	0.28	0.29	0.29	0.30	0.30	14.3%
Total	21.97	21.98	21.34	22.37	22.39	22.91	23.21	23.58	23.86	24.20	24.74	25.12	25.63	25.98	26.33	26.72	27.17	27.53	27.92	28.43	28.73	29.05	29.24	29.43	29.53	1.3%
Discrepancy 7/	-0.29	-0.10	0.50	0.06	0.15	0.16	0.15	0.19	0.16	0.18	0.17	0.18	0.17	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.14	0.15	0.14	0.13	0.14	N/A

1/ Marketed production (wet) minus extraction losses.

2/ Synthetic natural gas, propane air, coke oven gas, refinery gas, biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

3/ Includes consumption by cogenerators.

4/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

5/ Represents natural gas used in the field gathering and processing plant machinery.

6/ Compressed natural gas used as vehicle fuel.

7/ Balancing item. Natural gas lost as a result of converting flow data measured at varying temperatures and pressures to a standard temperature and pressure and the merger of different data reporting systems which vary in scope, format, definition, and respondent type. In addition, 1996 and 1997 values include net storage injections.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Figures for 1996 and 1997 may differ from published data due to internal conversion factors.

Sources: 1996 supply values and consumption as lease, plant, and pipeline fuel: Energy Information Administration (EIA), Natural Gas Annual 1996, DOE/EIA-0131(96)(Washington, DC, September 1997). Other 1996 consumption derived from: EIA, State Energy Data Report 1995, DOE/EIA-0214(95) (Washington, DC, December 1997). 1997 supplemental natural gas: EIA, Natural Gas Monthly, DOE/EIA-0130(98/06) (Washington, DC, June 1998). 1997 imports and dry gas production derived from: EIA, Natural Gas Annual 1996, DOE/EIA-0131(96) (Washington, DC, September 1997). 1997 transportation sector consumption: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A. Other 1997 consumption: EIA, Short-Term Energy Outlook, September 1998. Online <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/contents.html>(October 15, 1998) with adjustments to end-use sector consumption levels for consumption of natural gas by electric wholesale generators based on EIA, AEO99 National Energy Modeling System run LMAC99.D100198A. Projections: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A.

Table 14. Natural Gas Prices, Margins and Revenues (1997 Dollars per Thousand Cubic Feet, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Source Price																										
Aver. Lower 48 Well. Price 1/	2.28	2.23	1.96	2.09	2.09	2.13	2.15	2.18	2.18	2.20	2.24	2.27	2.28	2.28	2.29	2.29	2.29	2.29	2.29	2.29	2.30	2.30	2.30	2.30	2.29	0.1%
Average Import Price	2.00	2.15	2.00	2.11	2.19	2.23	2.25	2.27	2.28	2.30	2.30	2.31	2.33	2.33	2.35	2.38	2.39	2.40	2.42	2.41	2.41	2.43	2.44	2.45	2.47	0.6%
Average 2/	2.24	2.22	1.96	2.09	2.10	2.14	2.17	2.19	2.20	2.22	2.25	2.27	2.29	2.29	2.30	2.30	2.31	2.30	2.31	2.31	2.32	2.32	2.32	2.32	2.32	0.2%
Delivered Prices																										
Residential	6.47	7.00	6.65	6.83	6.73	6.65	6.56	6.47	6.37	6.35	6.31	6.26	6.19	6.12	6.06	6.00	5.93	5.88	5.82	5.78	5.77	5.76	5.75	5.74	5.72	-0.9%
Commercial	5.51	5.79	5.34	5.52	5.47	5.44	5.40	5.37	5.32	5.31	5.29	5.26	5.22	5.18	5.14	5.10	5.06	5.02	4.99	4.96	4.96	4.95	4.95	4.94	4.93	-0.7%
Industrial 3/	3.08	3.04	2.73	2.85	2.84	2.87	2.88	2.89	2.89	2.90	2.93	2.95	2.96	2.96	2.96	2.95	2.95	2.94	2.94	2.95	2.95	2.95	2.95	2.94	2.93	-0.2%
Electric Generators 4/	2.76	2.76	2.48	2.66	2.67	2.70	2.75	2.79	2.81	2.84	2.88	2.90	2.91	2.91	2.91	2.91	2.92	2.91	2.91	2.91	2.92	2.92	2.92	2.92	2.90	0.2%
Transportation 5/	6.21	6.36	6.61	6.69	6.60	6.54	6.51	6.51	6.50	6.54	6.62	6.71	6.75	6.78	6.80	6.80	6.80	6.79	6.79	6.79	6.78	6.78	6.77	6.75	6.73	0.2%
Average 6/	4.30	4.44	4.05	4.26	4.23	4.19	4.17	4.14	4.11	4.10	4.09	4.07	4.04	4.01	3.99	3.96	3.93	3.90	3.88	3.85	3.85	3.84	3.83	3.82	3.81	-0.7%
Transmission & Distr. Margins 7/																										
Residential	4.23	4.78	4.69	4.74	4.62	4.50	4.39	4.28	4.18	4.13	4.06	3.98	3.90	3.83	3.76	3.69	3.63	3.57	3.51	3.47	3.45	3.44	3.43	3.42	3.41	-1.5%
Commercial	3.27	3.57	3.38	3.44	3.37	3.29	3.23	3.18	3.12	3.09	3.04	2.99	2.93	2.88	2.84	2.80	2.76	2.72	2.68	2.65	2.64	2.63	2.63	2.62	2.62	-1.3%
Industrial 3/	0.84	0.82	0.77	0.76	0.73	0.72	0.72	0.70	0.69	0.68	0.68	0.68	0.67	0.67	0.66	0.65	0.64	0.64	0.63	0.64	0.63	0.63	0.63	0.62	0.61	-1.3%
Electric Generators 4/	0.52	0.54	0.51	0.57	0.57	0.55	0.59	0.60	0.61	0.63	0.63	0.63	0.62	0.62	0.61	0.61	0.61	0.61	0.60	0.60	0.60	0.60	0.59	0.59	0.59	0.4%
Transportation 5/	3.97	4.15	4.65	4.60	4.50	4.40	4.34	4.32	4.30	4.32	4.37	4.43	4.47	4.49	4.50	4.50	4.50	4.49	4.48	4.47	4.46	4.45	4.44	4.43	4.41	0.3%
Average 6/	2.06	2.22	2.09	2.17	2.13	2.05	2.01	1.95	1.91	1.88	1.84	1.80	1.76	1.72	1.69	1.66	1.63	1.60	1.57	1.54	1.53	1.52	1.51	1.50	1.49	-1.7%
Transmission & Distr. Revenue (billion 1997 dollars)																										
Residential	22.11	23.92	21.64	23.88	23.32	22.62	22.07	21.56	21.15	20.89	20.57	20.26	19.98	19.65	19.39	19.18	19.01	18.79	18.60	18.42	18.43	18.37	18.37	18.38	18.41	-1.1%
Commercial	10.31	11.70	10.58	11.78	11.59	11.39	11.23	11.10	10.99	10.93	10.81	10.69	10.57	10.46	10.36	10.26	10.17	10.08	9.98	9.88	9.85	9.82	9.79	9.76	9.72	-0.8%
Industrial 3/	7.16	6.92	6.48	6.62	6.36	6.34	6.27	6.16	6.05	5.98	6.02	6.03	5.98	5.99	5.94	5.87	5.85	5.82	5.81	5.85	5.82	5.81	5.80	5.74	5.69	-0.8%
Electric Generators 4/	1.60	1.80	1.61	1.84	1.81	1.94	2.17	2.41	2.52	2.78	3.01	3.15	3.38	3.47	3.58	3.74	3.93	4.07	4.21	4.38	4.54	4.67	4.70	4.79	4.77	4.3%
Transportation 5/	0.04	0.06	0.11	0.17	0.26	0.36	0.47	0.56	0.65	0.74	0.82	0.89	0.95	1.02	1.07	1.11	1.15	1.19	1.22	1.25	1.27	1.29	1.30	1.32	1.33	14.6%
Total	41.21	44.39	40.43	44.29	43.34	42.66	42.22	41.80	41.36	41.31	41.23	41.02	40.86	40.59	40.34	40.17	40.11	39.95	39.82	39.77	39.90	39.96	39.97	39.98	39.91	-0.5%

1/ Represents lower 48 onshore and offshore supplies.

2/ Quantity-weighted average of the average lower 48 wellhead price and the average price of imports at the U.S. border.

3/ Includes consumption by cogenerators.

4/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy.

Includes small power producers and exempt wholesale generators.

5/ Compressed natural gas used as a vehicle fuel. Price includes estimated motor vehicle fuel taxes.

6/ Weighted average prices and margins. Weights used are the sectoral consumption values excluding lease, plant, and pipeline fuel.

7/ Within the table, "transmission and distribution" margins equal the difference between the delivered price and the source price (average of the wellhead price and the price of imports at the U.S. border) of natural gas and, thus, reflect the total cost of bringing natural gas to market. When the term "transmission and distribution" margins is used in today's natural gas market, it generally does not include the cost of independent natural gas marketers or costs associated with aggregation of supplies, provisions of storage, and other services. As used here, the term includes the cost of all services and the cost of pipeline fuel used in compressor stations.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 1996 residential, commercial, and transportation delivered prices; average lower 48 wellhead price; and average import price: Energy Information Administration (EIA), Natural Gas Annual 1996, DOE/EIA-0131(96) (Washington, DC, September 1997). 1996 electric generators delivered price: Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants". 1996 and 1997 industrial delivered prices based on EIA, Manufacturing Energy Consumption Survey 1991. 1997 residential and commercial delivered prices, average lower 48 wellhead price, and average import price: EIA, Natural Gas Monthly, DOE/EIA-0130(98/06) (Washington, DC, June 1998). Other 1996 values, other 1997 values, and projections: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A.

Table 15. Oil and Gas Supply																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Crude Oil																										
Lower 48 Aver. Wellhead Price 1/ (1997\$ per barrel)	19.83	18.01	12.11	12.96	12.90	14.17	15.20	16.45	17.37	18.42	19.35	20.00	20.14	20.24	20.18	20.14	20.15	20.21	20.20	20.09	20.11	20.14	20.23	20.29	20.47	0.6%
Production(mill. barrels/day) 2/																										
U.S. Total	6.47	6.45	6.41	6.33	6.29	6.20	6.04	5.94	5.85	5.79	5.76	5.71	5.65	5.60	5.55	5.50	5.46	5.40	5.33	5.26	5.20	5.13	5.06	4.97	4.87	-1.2%
Lower 48 Onshore	3.81	3.75	3.80	3.74	3.62	3.49	3.32	3.22	3.14	3.10	3.08	3.05	3.03	3.03	3.04	3.06	3.09	3.12	3.14	3.16	3.18	3.19	3.22	3.21	3.20	-0.7%
Conventional	3.20	3.17	3.24	3.22	3.13	3.01	2.87	2.78	2.70	2.66	2.63	2.59	2.55	2.53	2.53	2.53	2.53	2.54	2.53	2.53	2.53	2.53	2.53	2.53	2.54	-1.0%
Enhanced Oil Recovery	0.61	0.58	0.56	0.52	0.49	0.48	0.45	0.44	0.44	0.44	0.45	0.46	0.48	0.50	0.52	0.53	0.56	0.58	0.60	0.63	0.65	0.66	0.68	0.68	0.66	0.5%
Lower 48 Offshore	1.26	1.40	1.42	1.40	1.48	1.57	1.62	1.66	1.70	1.73	1.75	1.77	1.77	1.76	1.73	1.70	1.66	1.61	1.56	1.50	1.44	1.37	1.31	1.24	1.18	-0.7%
Alaska	1.40	1.30	1.20	1.19	1.19	1.14	1.10	1.05	1.01	0.97	0.93	0.89	0.85	0.81	0.77	0.74	0.70	0.67	0.64	0.61	0.59	0.56	0.54	0.51	0.49	-4.1%
L48 End of Yr. Reserve (bill.bbl.) 2/	18.14	18.28	17.78	17.16	16.47	15.88	15.30	14.89	14.56	14.36	14.14	13.97	13.85	13.74	13.68	13.61	13.57	13.52	13.47	13.45	13.43	13.43	13.44	13.39	13.30	-1.4%
Natural Gas																										
Lower 48 Aver. Wellhead Price 1/ (1997\$ / thousand cubic feet)	2.28	2.23	1.96	2.09	2.09	2.13	2.15	2.18	2.18	2.20	2.24	2.27	2.28	2.28	2.29	2.29	2.29	2.29	2.29	2.29	2.30	2.30	2.30	2.30	2.29	0.1%
Production (trill. cubic ft.) 3/																										
U.S. Total	18.79	18.94	18.80	19.13	19.16	19.59	19.88	20.29	20.45	20.70	21.08	21.34	21.70	21.97	22.26	22.55	22.91	23.20	23.50	23.97	24.24	24.51	24.67	24.83	24.93	1.2%
Lower 48 Onshore	12.84	12.88	12.99	13.55	13.68	13.84	13.80	13.77	13.57	13.52	13.80	14.05	14.41	14.67	14.94	15.18	15.49	15.76	16.08	16.63	17.03	17.46	17.75	18.04	18.22	1.5%
Associated-Dissolved 4/	1.75	1.77	1.73	1.76	1.75	1.67	1.56	1.46	1.39	1.32	1.28	1.24	1.21	1.20	1.18	1.18	1.17	1.18	1.18	1.18	1.18	1.19	1.19	1.19	1.19	-1.7%
Non-Associated	11.09	11.11	11.26	11.80	11.93	12.17	12.24	12.31	12.18	12.20	12.52	12.81	13.19	13.48	13.75	14.00	14.31	14.59	14.91	15.45	15.85	16.27	16.56	16.85	17.03	1.9%
Conventional	7.44	7.43	7.61	7.96	8.15	8.32	8.43	8.54	8.53	8.50	8.73	8.97	9.27	9.48	9.65	9.80	9.98	10.15	10.34	10.69	10.93	11.18	11.40	11.59	11.72	2.0%
Unconventional	3.64	3.68	3.66	3.84	3.78	3.85	3.81	3.77	3.65	3.70	3.79	3.84	3.92	4.00	4.10	4.20	4.33	4.44	4.57	4.76	4.92	5.09	5.17	5.26	5.31	1.6%
Lower 48 Offshore	5.51	5.62	5.21	4.97	4.86	5.13	5.45	5.88	6.24	6.53	6.63	6.63	6.63	6.62	6.65	6.69	6.73	6.75	6.72	6.64	6.50	6.34	6.20	6.08	5.98	0.3%
Associated-Dissolved 4/	0.78	0.80	0.84	0.85	0.84	0.86	0.89	0.90	0.91	0.92	0.92	0.93	0.93	0.93	0.93	0.92	0.92	0.91	0.90	0.88	0.87	0.86	0.84	0.82	0.81	0.0%
Non-Associated	4.73	4.82	4.36	4.12	4.02	4.27	4.57	4.98	5.33	5.62	5.71	5.71	5.70	5.69	5.72	5.76	5.82	5.84	5.83	5.75	5.63	5.49	5.36	5.25	5.17	0.3%
Alaska	0.44	0.44	0.60	0.61	0.62	0.63	0.63	0.64	0.64	0.65	0.65	0.66	0.67	0.67	0.68	0.68	0.69	0.69	0.70	0.70	0.71	0.71	0.72	0.72	0.72	2.2%
Lower 48 End of Yr. Reserves (tcf)	156.30	158.13	158.40	160.88	162.47	163.78	165.20	166.37	166.09	165.94	165.72	165.98	166.43	166.52	166.66	167.02	166.81	166.50	166.03	164.97	164.33	163.27	161.73	159.72	157.40	-0.0%
Supplemental Gas Supplies (tcf) 5/	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	-3.7%
Lower 48 Wells (thousands)	22.59	27.02	20.16	20.84	19.74	20.11	21.39	22.50	23.80	25.05	26.04	27.33	28.67	28.58	29.18	29.77	30.00	30.65	30.82	30.77	31.97	31.87	31.77	31.82	31.78	0.7%

Table 15. Oil and Gas Supply Notes

1/ Represents lower 48 onshore and offshore supplies.

2/ Includes lease condensate.

3/ Market production (wet) minus extraction losses.

4/ Gas which occurs in crude oil reserves either as free gas (associated) or as gas in solution with crude oil (dissolved).

5/ Synthetic natural gas, propane air, coke oven gas, refinery gas, biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

Ft. = feet.

Note: Totals may not equal sum of components due to independent rounding. Figures for 1996 and 1997 may differ from published data due to internal conversion factors.

Sources: 1996 lower 48 onshore, lower 48 offshore, Alaska crude oil production: Energy Information Administration (EIA), Petroleum Supply Annual 1996, DOE/EIA-0340(96/1)(Washington, DC, June 1997). 1996 U.S. crude oil and natural gas reserves: EIA, U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, DOE/EIA-0216(96) (Washington, DC, December 1997). 1996 natural gas lower 48 average wellhead price and total natural gas production: EIA, Natural Gas Annual 1996, DOE/EIA-0131(96) (Washington, DC, September 1997). 1997 lower 48 onshore, lower 48 offshore, and Alaska crude oil production: EIA, Petroleum Supply Annual 1997, DOE/EIA-0340(97/1) (Washington, DC, June 1998). 1997 natural gas lower 48 average wellhead price, Alaska and total natural gas production, and supplemental gas supplies: EIA, Natural Gas Monthly, DOE/EIA-0130(98/06) (Washington, DC, June 1998). Other 1996 and 1997 values: EIA, Office of Integrated Analysis and Forecasting. Projections: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A.

Table 16. Coal Supply, Disposition, and Prices (Million Short Tons per Year, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Production 1/																										
Appalachia	461	477	481	491	485	489	488	482	478	481	474	478	474	472	479	464	459	450	453	453	452	451	451	451	444	-0.3%
Interior	173	171	170	169	166	155	143	145	139	130	127	133	126	128	120	134	138	146	148	150	150	148	147	146	147	-0.6%
West	439	451	474	494	513	532	551	560	561	570	586	591	605	605	613	622	626	636	644	649	655	661	669	678	689	1.9%
East of the Mississippi	573	589	591	600	591	587	580	576	567	561	552	562	551	551	554	554	554	552	557	560	557	556	555	553	548	-0.3%
West of the Mississippi	500	511	534	554	573	590	601	610	611	620	636	640	654	654	657	666	670	680	688	693	698	705	713	722	733	1.6%
Total	1073	1099	1125	1153	1164	1176	1181	1186	1178	1181	1188	1202	1204	1205	1211	1220	1224	1232	1244	1253	1256	1261	1268	1275	1281	0.7%
Net Imports																										
Imports	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	0.2%
Exports	90	84	82	83	83	85	87	87	87	87	89	89	89	89	90	90	90	91	91	91	92	92	93	93	93	0.5%
Total	-83	-76	-75	-75	-76	-77	-79	-79	-79	-80	-81	-81	-82	-82	-82	-82	-82	-83	-83	-84	-84	-84	-85	-85	-86	0.5%
Total Supply 2/	989	1023	1050	1078	1088	1099	1102	1107	1099	1101	1107	1120	1123	1123	1129	1137	1142	1149	1161	1169	1172	1176	1183	1190	1195	0.7%
Consumption by Sector																										
Residential and Commercial	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	0.2%
Industrial 3/	71	70	71	72	71	71	71	71	70	70	71	71	71	71	71	71	71	71	71	71	71	71	71	70	70	-0.0%
Coke Plants	32	29	29	29	29	28	28	27	27	26	26	25	25	24	24	23	23	23	22	22	21	21	21	20	20	-1.7%
Electric Generators 4/	897	924	934	967	982	993	995	1000	996	998	1003	1017	1019	1025	1027	1039	1041	1048	1063	1073	1074	1079	1088	1092	1098	0.9%
Total	1006	1030	1040	1075	1088	1099	1101	1104	1100	1101	1106	1119	1122	1127	1128	1139	1142	1148	1163	1172	1172	1177	1185	1189	1195	0.7%
Discrepancy and Stock Change 5/	-15	-7	10	3	-0	0	1	2	-1	0	1	1	1	-3	1	-2	0	1	-2	-3	-0	-1	-2	0	0	N/A
Average Minemouth Price																										
(1997 dollars per short ton)	18.85	18.14	17.50	17.04	16.54	16.12	15.75	15.43	15.15	14.90	14.58	14.37	14.14	14.01	13.88	13.57	13.41	13.23	13.12	12.98	12.91	12.82	12.71	12.61	12.47	-1.6%
(1997\$ per million Btu)	0.89	0.85	0.83	0.81	0.78	0.77	0.75	0.73	0.72	0.71	0.70	0.69	0.68	0.67	0.66	0.65	0.64	0.63	0.63	0.62	0.62	0.62	0.61	0.61	0.60	-1.5%
Deliv. Price (1997\$/short ton) 6/																										
Industrial	32.90	32.41	30.53	30.25	29.89	29.62	29.31	28.99	28.69	28.38	28.09	27.84	27.49	27.22	26.92	26.54	26.25	25.94	25.68	25.41	25.14	24.88	24.58	24.29	24.05	-1.3%
Coke Plants	48.24	47.36	46.51	46.05	45.55	45.28	44.79	44.39	43.93	43.56	43.02	42.71	42.29	41.79	41.51	40.94	40.51	40.08	39.78	39.29	38.99	38.69	38.34	37.80	37.57	-1.0%
Electric Generators																										
(1997 dollars / short ton)	26.96	26.16	25.29	24.97	24.51	24.25	23.97	23.64	23.26	23.00	22.67	22.32	22.03	21.68	21.33	20.78	20.42	20.05	19.74	19.44	19.17	18.87	18.58	18.34	18.03	-1.6%
(1997 dollars /million Btu)	1.31	1.27	1.23	1.22	1.20	1.19	1.17	1.16	1.14	1.13	1.11	1.10	1.08	1.07	1.05	1.02	1.01	0.99	0.98	0.96	0.95	0.93	0.92	0.91	0.90	-1.5%
Average	28.05	27.20	26.24	25.91	25.43	25.14	24.85	24.50	24.12	23.84	23.49	23.14	22.83	22.47	22.11	21.55	21.19	20.81	20.49	20.17	19.90	19.59	19.29	19.03	18.71	-1.6%
Exports 7/	41.54	40.55	39.46	38.97	38.42	38.06	37.52	37.21	36.81	36.44	36.16	35.78	35.44	35.04	34.75	34.18	33.78	33.33	32.99	32.55	32.26	31.95	31.60	31.13	30.89	-1.2%

Table 16. Coal Supply, Disposition, and Prices Notes

1/ Includes anthracite, bituminous coal, lignite, and waste coal delivered to independent power producers. Waste coal deliveries totaled 7.9 million tons in 1994, 8.5 million tons in 1995, 8.9 million tons in 1996, 9.4 million tons in 1997, and are projected to reach 10.0 million tons in 1998, and 10.6 million tons in 1999.

2/ Production plus net imports and net storage withdrawals.

3/ Includes consumption by cogenerators.

4/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

5/ Balancing item: the sum of production, net imports, and net storage minus total consumption.

6/ Sectoral prices weighted by consumption tonnage; weighted average excludes residential/ commercial prices and export free-alongside-ship (f.a.s.) prices.

7/ F.a.s. price at U.S. port of exit.

N/A = Not applicable.

Btu = British thermal unit.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 1996: Energy Information Administration (EIA), Coal Industry Annual 1996, DOE/EIA-0584(96) (Washington, DC, November 1997). 1997 data derived from: EIA, Coal Industry Annual 1997, DOE/EIA-0584(97) (Washington, DC, November 1998). Projections: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A.

Table 17. Renewable Energy Generating Capability and Generation (Thousand Megawatts, Unless Otherwise Noted)																											
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Elect. Generators (excl. cogen) 1/																											
Net Summer Capability																											
Conventional Hydropower	77.45	77.60	77.91	77.98	78.14	78.14	78.22	78.34	78.40	78.45	78.51	78.51	78.51	78.51	78.51	78.51	78.51	78.51	78.51	78.51	78.51	78.51	78.51	78.51	78.51	78.51	0.1%
Geothermal 2/	3.00	3.00	3.00	3.00	3.06	3.25	3.22	3.12	3.09	3.16	3.07	3.11	3.20	3.33	3.25	3.16	3.23	3.24	3.27	3.33	3.39	3.48	3.43	3.50	3.67	0.9%	
Municipal Solid Waste 3/	3.41	3.41	3.43	3.48	3.55	3.58	3.62	3.65	3.69	3.74	3.79	3.84	3.89	3.94	3.97	4.01	4.04	4.06	4.09	4.11	4.12	4.14	4.15	4.16	4.16	0.9%	
Wood and Other Biomass 4/	1.64	1.66	1.68	1.72	1.76	1.84	1.90	1.91	1.93	1.97	2.00	2.06	2.08	2.12	2.18	2.24	2.36	2.50	2.66	2.77	2.93	3.12	3.35	3.55	3.70	3.5%	
Solar Thermal	0.35	0.35	0.35	0.35	0.37	0.38	0.40	0.41	0.42	0.42	0.42	0.43	0.43	0.44	0.44	0.45	0.45	0.46	0.47	0.48	0.48	0.49	0.50	0.51	0.52	1.7%	
Solar Photovoltaic	0.01	0.01	0.01	0.02	0.04	0.05	0.07	0.10	0.12	0.14	0.17	0.20	0.23	0.27	0.30	0.33	0.36	0.39	0.43	0.46	0.50	0.53	0.57	0.60	0.64	18.7%	
Wind	1.88	1.88	2.08	2.68	2.80	2.99	3.18	3.20	3.22	3.24	3.27	3.30	3.33	3.36	3.39	3.39	3.40	3.40	3.41	3.42	3.44	3.48	3.53	3.57	3.63	2.9%	
Total	87.74	87.92	88.46	89.23	89.72	90.25	90.60	90.73	90.85	91.11	91.23	91.44	91.67	91.96	92.04	92.08	92.35	92.58	92.84	93.08	93.38	93.75	94.04	94.40	94.83	0.3%	
Generation																											
Conventional Hydropower	340.66	350.62	324.79	301.54	322.30	322.16	322.38	322.78	322.95	323.14	323.34	323.35	323.36	323.37	323.38	323.39	323.40	323.41	323.42	323.43	323.45	323.45	323.46	323.47	323.48	-0.3%	
Geothermal 2/	15.43	15.67	14.29	14.30	14.71	16.11	16.33	16.06	16.32	16.84	16.68	16.98	17.63	18.63	18.53	18.30	18.87	19.49	19.84	20.30	21.16	21.85	22.43	22.80	24.09	1.9%	
Municipal Solid Waste 3/	14.24	14.30	22.47	22.80	23.31	23.55	23.78	24.02	24.26	24.65	24.99	25.34	25.69	26.01	26.26	26.49	26.70	26.88	27.03	27.18	27.30	27.40	27.48	27.53	27.57	2.9%	
Wood and Other Biomass 4/	4.26	4.21	7.81	7.98	8.13	8.73	9.14	9.22	9.30	9.40	9.64	10.04	10.21	10.48	10.87	11.29	12.13	13.15	14.25	15.03	16.14	17.43	19.07	20.45	21.56	7.4%	
Solar Thermal	0.90	0.90	0.90	0.90	0.95	1.00	1.06	1.10	1.10	1.11	1.13	1.14	1.16	1.17	1.19	1.21	1.23	1.26	1.28	1.31	1.33	1.36	1.38	1.41	1.44	2.0%	
Solar Photovoltaic	0.00	0.00	0.04	0.05	0.09	0.13	0.17	0.23	0.28	0.33	0.40	0.47	0.54	0.63	0.71	0.79	0.87	0.94	1.03	1.12	1.20	1.29	1.38	1.47	1.56	31.2%	
Wind	3.41	3.41	4.37	5.79	6.11	6.62	7.07	7.13	7.18	7.24	7.33	7.42	7.51	7.60	7.69	7.70	7.72	7.74	7.77	7.81	7.85	7.97	8.15	8.29	8.47	4.0%	
Total	378.90	389.11	374.67	353.35	375.59	378.32	379.94	380.54	381.39	382.71	383.50	384.74	386.10	387.89	388.63	389.18	390.92	392.87	394.63	396.17	398.43	400.76	403.36	405.42	408.17	0.2%	
Cogenerators 5/																											
Net Summer Capability																											
Conventional Hydropower 6/	0.94	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	-0.0%	
Municipal Solid Waste	0.46	0.46	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.2%	
Biomass	5.45	5.45	5.96	5.95	6.01	6.06	6.08	6.09	6.10	6.14	6.18	6.22	6.24	6.27	6.28	6.29	6.30	6.31	6.33	6.37	6.36	6.37	6.37	6.37	6.37	0.7%	
Total	6.85	6.85	7.37	7.36	7.42	7.47	7.50	7.50	7.51	7.55	7.59	7.64	7.65	7.69	7.70	7.70	7.72	7.73	7.75	7.78	7.78	7.79	7.79	7.79	7.79	0.6%	
Generation																											
Conventional Hydropower 6/	6.16	6.16	4.95	4.59	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	-1.0%	
Municipal Solid Waste	1.80	1.80	2.26	2.26	2.27	2.28	2.28	2.29	2.29	2.30	2.30	2.31	2.31	2.31	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	1.1%	
Biomass	32.69	32.69	39.64	39.70	40.40	40.95	41.35	41.55	41.87	42.44	42.99	43.66	44.02	44.51	44.83	45.06	45.28	45.42	45.65	45.98	46.03	46.13	46.18	46.21	46.22	1.5%	
Total	40.65	40.65	46.86	46.56	47.58	48.13	48.53	48.74	49.06	49.64	50.19	50.87	51.23	51.73	52.05	52.29	52.51	52.65	52.88	53.21	53.25	53.35	53.41	53.44	53.45	1.2%	

1/ Includes grid-connected utilities and nonutilities other than cogenerators. These nonutility facilities include small power producers and exempt wholesale generators.

2/ Includes hydrothermal resources only (hot water and steam).

3/ Includes landfill gas.

4/ Includes projections for energy crops after 2010.

5/ Cogenerators produce electricity and other useful thermal energy.

6/ Represents own-use industrial hydroelectric power.

Notes: Totals may not equal sum of components due to independent rounding. Net summer capability has been estimated for

nonutility generators for AEO99. Net summer capability is used to be consistent with electric utility capacity estimates.

Data for electric utility capacity are the most recently available as of July 1, 1998. Additional retirements are also determined on the basis of the size and age of the units. Therefore, capacity estimates may differ from other Energy Information Administration sources.

Sources: 1996 and 1997 electric utility capability: Energy Information Administration (EIA), Form EIA-860, "Annual Electric Generator Report." 1996 and 1997 nonutility and cogenerator capability: EIA, Form EIA-867, "Annual Nonutility Power Producer Report." 1996 and 1997 generation: EIA, Annual Energy Review 1997, DOE/EIA-0384(97)(Washington, DC, July 1998). Projections: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A.

Table 18. Renewable Energy, Consumption by Sector and Source Notes

1/ Actual heat rates used to determine fuel consumption for all renewable fuels except hydropower, solar, and wind. Consumption at hydroelectric, solar, and wind facilities determined by using the fossil fuel equivalent of 10,280 Btu per kilowatthour.

2/ Includes nonelectric renewable energy groups for which the energy source is bought and sold in the marketplace, although all transactions may not necessarily be marketed, and marketed renewable energy inputs for electricity entering the marketplace on the electric power grid. Excludes electricity imports; see Table 8.

3/ Value is less than 0.005 quadrillion Btu per year and rounds to zero.

4/ Includes all electricity production by industrial and other cogenerators for the grid and for own use.

5/ Excludes motor gasoline component of E85.

6/ Includes renewable energy delivered to the grid from electric utilities and nonutilities. Renewable energy used in generating electricity for own use is included in the individual sectoral electricity energy consumption values.

7/ Includes selected renewable energy consumption data for which the energy is not bought or sold, either directly or indirectly as an input to marketed energy. The Energy Information Administration does not estimate or project total consumption of nonmarketed renewable energy.

N/A = Not applicable.

Btu = British thermal unit.

Notes: Totals may not equal sum of components due to independent rounding.

Sources: 1996 and 1997 ethanol: Energy Information Administration (EIA), Annual Energy Review 1997, DOE/EIA-0384(97) (Washington, DC, July 1998). 1996 and 1997 electric generators: EIA, Form EIA-860, "Annual Electric Generator Report," and EIA, Form EIA-867, "Annual Nonutility Power Producer Report." Other 1996 and 1997: EIA, Office of Integrated Analysis and Forecasting. Projections: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A.

Table 19. Carbon Emissions by Sector and Source (Million Metric Tons per Year, Unless Otherwise Noted)																									1997- 2020	
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Residential																										
Petroleum	27.3	27.8	26.1	26.4	26.0	25.6	25.3	24.8	24.5	24.0	23.7	23.3	23.2	22.9	22.7	22.5	22.3	22.1	21.9	21.7	21.6	21.3	21.1	20.9	20.7	-1.3%
Natural Gas	77.5	74.1	68.4	74.6	74.7	74.5	74.5	74.6	75.0	74.9	75.1	75.4	75.9	76.1	76.4	76.9	77.6	77.9	78.4	78.8	79.2	79.2	79.4	79.6	80.1	0.3%
Coal	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	-0.5%
Electricity	178.6	182.3	194.4	203.4	206.9	211.6	211.6	212.6	211.6	212.2	213.8	216.9	219.5	220.9	222.9	226.8	229.5	231.9	236.3	240.5	243.6	246.3	249.7	252.8	255.3	1.5%
Total	284.8	285.6	290.4	305.9	309.1	313.1	312.8	313.4	312.5	312.6	313.9	317.0	320.0	321.2	323.4	327.5	330.8	333.2	337.9	342.3	345.7	348.1	351.5	354.6	357.4	1.0%
Commercial																										
Petroleum	14.6	14.4	11.6	11.5	11.6	11.6	11.5	11.4	11.3	11.2	11.1	11.0	11.0	10.9	10.9	10.9	10.8	10.8	10.8	10.7	10.6	10.6	10.5	10.4	10.3	-1.5%
Natural Gas	46.7	48.6	46.4	50.8	51.0	51.2	51.5	51.8	52.1	52.4	52.7	53.0	53.4	53.7	54.1	54.4	54.7	55.0	55.2	55.3	55.3	55.3	55.3	55.2	55.1	0.5%
Coal	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.4	2.4	0.6%
Electricity	161.8	171.5	182.7	189.3	190.7	193.4	194.2	195.8	195.3	197.2	199.2	202.7	205.2	207.6	209.9	213.4	215.1	217.5	221.0	224.0	224.9	226.8	228.3	229.2	229.0	1.3%
Total	225.3	236.6	242.9	253.8	255.6	258.5	259.5	261.3	261.1	263.1	265.4	269.1	271.9	274.6	277.3	281.1	283.1	285.7	289.3	292.5	293.3	295.1	296.5	297.2	296.8	1.0%
Industrial 1/																										
Petroleum	103.7	105.8	100.1	101.2	107.7	107.6	108.4	107.8	107.5	108.5	108.7	108.9	110.0	109.9	110.5	110.2	109.9	109.7	110.0	110.7	110.7	110.4	110.3	110.0	109.4	0.1%
Natural Gas 2/	144.0	142.2	141.8	145.0	144.8	146.9	147.2	148.3	148.8	148.8	150.4	151.7	152.2	153.6	154.3	154.8	155.9	156.8	157.6	158.8	159.3	160.3	160.8	161.1	161.8	0.6%
Coal	59.8	58.5	60.9	62.0	61.2	61.4	61.1	60.8	60.3	60.0	60.2	60.3	60.1	59.9	59.6	59.2	59.0	58.9	58.8	58.4	58.2	58.0	57.8	57.5	57.1	-0.1%
Electricity	170.0	175.6	183.5	186.8	185.5	186.9	185.7	184.6	182.1	182.6	185.0	187.7	188.9	190.0	191.0	191.6	191.5	192.2	194.7	197.7	196.9	198.2	199.0	198.9	197.9	0.5%
Total	477.6	482.1	486.2	495.0	499.1	502.8	502.3	501.4	498.7	499.9	504.2	508.6	511.2	513.5	515.4	515.9	516.3	517.6	521.2	525.7	525.1	526.9	527.8	527.5	526.2	0.4%
Transportation																										
Petroleum 3/	459.5	461.9	472.2	481.9	498.8	507.7	516.4	524.3	531.6	540.1	548.2	555.9	563.9	569.7	577.4	581.9	586.0	589.2	593.6	596.8	601.4	605.3	608.4	612.6	615.6	1.3%
Natural Gas 4/	10.6	10.5	10.8	11.1	11.4	12.1	12.7	13.3	13.7	14.2	14.6	14.9	15.3	15.6	15.9	16.1	16.4	16.6	16.9	17.2	17.4	17.6	17.7	17.8	17.9	2.3%
Other 5/	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	0.9	1.0	1.1	1.2	1.3	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.6	N/A
Electricity	2.8	2.9	3.1	3.2	3.2	3.3	3.3	4.0	4.5	5.1	5.6	6.0	6.4	6.9	7.3	7.7	8.0	8.3	8.7	9.1	9.4	9.7	10.1	10.4	10.7	5.8%
Total 3/	472.8	475.3	486.2	496.4	513.8	523.5	532.8	542.2	550.6	560.2	569.3	577.8	586.8	593.3	601.8	607.0	611.6	615.6	620.6	624.5	629.7	634.2	637.8	642.5	645.9	1.3%
Total Carbon Emissions by Delivered Fuel																										
Petroleum 3/	605.2	609.9	609.9	621.0	644.1	652.5	661.6	668.3	674.9	683.8	691.7	699.1	708.1	713.4	721.4	725.5	729.0	731.8	736.3	739.9	744.3	747.6	750.3	753.9	756.0	0.9%
Natural Gas	278.8	275.4	267.4	281.6	282.0	284.7	285.9	287.9	289.7	290.4	292.8	295.0	296.8	299.0	300.6	302.2	304.6	306.3	308.1	310.1	311.2	312.4	313.2	313.8	314.8	0.6%
Coal	63.4	62.0	64.6	65.7	64.9	65.1	64.8	64.5	64.0	63.7	63.9	64.0	63.8	63.6	63.4	63.0	62.8	62.6	62.5	62.2	62.0	61.8	61.5	61.2	60.9	-0.1%
Other 5/	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	0.9	1.0	1.1	1.2	1.3	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.6	N/A
Electricity	513.2	532.4	563.7	582.7	586.2	595.2	594.7	596.9	593.4	597.1	603.6	613.4	620.0	625.4	631.1	639.4	644.1	649.8	660.6	671.3	674.7	681.0	687.0	691.3	693.0	1.2%
Total 3/	1461	1480	1506	1551	1578	1598	1607	1618	1623	1636	1653	1673	1690	1703	1718	1731	1742	1752	1769	1785	1794	1804	1814	1822	1826	0.9%
Electric Generators 6/																										
Petroleum	15.4	17.6	24.8	25.9	22.5	21.4	16.3	12.9	9.5	7.7	6.5	6.0	5.6	5.3	5.2	5.1	4.9	4.7	4.6	4.6	4.5	4.4	4.3	4.3	4.1	-6.1%
Natural Gas	40.3	43.8	46.2	47.2	46.5	51.7	54.7	58.8	61.0	65.4	71.0	74.2	80.0	83.1	86.6	90.7	94.9	98.5	102.5	107.9	111.2	114.9	116.7	118.9	119.5	4.5%
Coal	457.5	471.0	492.7	509.6	517.2	522.1	523.7	525.3	523.0	524.0	526.1	533.2	534.3	537.0	539.4	543.6	544.3	546.6	553.5	558.7	559.0	561.8	565.9	568.1	569.3	0.8%
Total	513.2	532.4	563.7	582.7	586.2	595.2	594.7	596.9	593.4	597.1	603.6	613.4	620.0	625.4	631.1	639.4	644.1	649.8	660.6	671.3	674.7	681.0	687.0	691.3	693.0	1.2%

Table 19. Carbon Emissions by Sector and Source (Million Metric Tons per Year, Unless Otherwise Noted)																											
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Total Carbon Emissions by Primary Fuel 7/																											
Petroleum 3/	620.6	627.5	634.7	646.9	666.6	673.9	677.9	681.2	684.4	691.5	698.2	705.0	713.7	718.7	726.6	730.6	733.9	736.5	740.8	744.5	748.7	751.9	754.6	758.2	760.2	0.8%	
Natural Gas	319.1	319.1	313.6	328.8	328.6	336.3	340.5	346.7	350.7	355.8	363.8	369.3	376.9	382.0	387.2	393.0	399.5	404.9	410.6	418.0	422.5	427.3	429.9	432.7	434.3	1.3%	
Coal	520.9	533.0	557.3	575.3	582.1	587.2	588.5	589.8	587.0	587.7	590.0	597.2	598.1	600.7	602.7	606.6	607.1	609.3	616.1	620.9	621.0	623.5	627.5	629.3	630.2	0.7%	
Other 5/	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	0.9	1.0	1.1	1.2	1.3	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.6	N/A	
Total 3/	1461	1480	1506	1551	1578	1598	1607	1618	1623	1636	1653	1673	1690	1703	1718	1731	1742	1752	1769	1785	1794	1804	1814	1822	1826	0.9%	
Carbon Emissions (tons per person)	5.5	5.5	5.6	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	6.0	6.0	6.0	6.0	5.9	5.9	0.3%

1/ Includes consumption by cogenerators.

2/ Includes lease and plant fuel.

3/ This includes international bunker fuel which, by convention are excluded from the international accounting of carbon emissions. In the years from 1989 through 1996, international bunker fuels accounted for 22 to 24 million metric tons of carbon annually.

4/ Includes pipeline fuel natural gas and compressed natural gas used as vehicle fuel.

5/ Includes methanol and liquid hydrogen.

6/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy.

Includes small power producers and exempt wholesale generators.

7/ Emissions from electric power generators are distributed to the primary fuels.

N/A = Not applicable

Note: Totals may not equal sum of components due to independent rounding.

Sources: Carbon coefficients from Energy Information Administration, (EIA) Emissions of Greenhouse Gases in the United States 1997, DOE/EIA-0573(97) (Washington, DC, October 1998). 1996 consumption estimates derived from EIA, State Energy Data Report 1995, DOE/EIA-0214(95) (Washington, DC, December 1997). 1997 consumption estimates based on: EIA, Short-Term Energy Outlook, September 1998. Online <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/contents.html> (October 15, 1998).

Projections: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A.

Table 20. Macroeconomic Indicators (Billion 1992 Chain-Weighted Dollars, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
GDP Chain-Type Price Index (1992=1.000)	1.095	1.116	1.134	1.172	1.217	1.270	1.325	1.381	1.439	1.499	1.565	1.637	1.713	1.794	1.882	1.978	2.081	2.193	2.310	2.441	2.580	2.735	2.902	3.086	3.289	4.8%
Real Gross Domestic Product	6995	7270	7483	7531	7678	7796	7922	8058	8196	8362	8529	8698	8863	9020	9184	9294	9408	9513	9622	9755	9856	9955	10055	10160	10256	1.5%
Real Consumption	4752	4914	5125	5239	5341	5411	5487	5586	5682	5790	5904	6022	6146	6271	6400	6512	6628	6738	6850	6974	7087	7203	7322	7445	7569	1.9%
Real Investment	1084	1206	1305	1262	1296	1317	1356	1389	1420	1465	1509	1557	1598	1635	1682	1705	1724	1742	1770	1814	1842	1865	1889	1927	1956	2.1%
Real Government Spending	1268	1285	1295	1313	1329	1336	1344	1360	1381	1404	1428	1450	1472	1493	1513	1522	1534	1545	1557	1569	1580	1589	1598	1606	1612	1.0%
Real Exports	860	970	972	994	1065	1153	1236	1319	1409	1511	1616	1723	1832	1942	2055	2150	2234	2318	2401	2500	2582	2663	2744	2821	2895	4.9%
Real Imports	971	1106	1230	1312	1391	1460	1536	1642	1748	1866	1994	2133	2279	2435	2607	2770	2924	3090	3261	3470	3667	3872	4085	4318	4567	6.4%
Real Disposable Personal Income	5043	5183	5330	5432	5548	5646	5739	5860	5962	6092	6217	6353	6489	6617	6766	6885	7004	7130	7251	7388	7504	7644	7774	7903	8030	1.9%
Index of Manufacturing Gross Output (index 1987=1.000)	1.305	1.359	1.397	1.377	1.386	1.411	1.432	1.453	1.479	1.517	1.553	1.586	1.616	1.650	1.679	1.693	1.712	1.731	1.755	1.786	1.793	1.820	1.841	1.857	1.867	1.4%
AA Utility Bond Rate (percent)	7.57	7.54	7.21	7.10	7.27	7.60	8.19	8.45	8.48	8.51	8.32	8.27	8.23	8.15	8.29	8.38	8.47	8.77	8.84	8.99	9.21	9.60	9.79	9.82	9.82	N/A
Real Yield on Government 10 Year Bonds (percent)	4.99	4.94	4.75	4.40	3.72	3.01	3.14	3.37	3.66	3.73	3.53	3.37	3.21	3.09	3.12	3.07	3.00	3.10	3.08	3.09	3.10	3.19	3.20	3.10	2.97	N/A
Real Utility Bond Rate (percent)	5.38	5.53	5.41	4.81	4.30	3.76	4.01	4.15	4.22	4.30	4.05	3.88	3.69	3.51	3.52	3.46	3.40	3.53	3.53	3.51	3.63	3.80	3.85	3.66	3.46	N/A
Energy Intensity (thousand Btu/92 dollar of GDP)																										
Delivered Energy	10.08	9.70	9.43	9.62	9.64	9.60	9.53	9.44	9.35	9.24	9.16	9.07	8.99	8.90	8.81	8.76	8.70	8.65	8.60	8.54	8.49	8.44	8.39	8.34	8.28	-0.7%
Total Energy	13.39	12.94	12.65	12.88	12.87	12.83	12.70	12.55	12.37	12.20	12.06	11.94	11.81	11.70	11.57	11.48	11.41	11.32	11.25	11.15	11.07	11.00	10.93	10.85	10.78	-0.8%
Consumer Price Index (1982-4=1.00)	1.57	1.61	1.64	1.70	1.78	1.87	1.97	2.07	2.16	2.27	2.38	2.49	2.62	2.75	2.89	3.04	3.20	3.37	3.55	3.74	3.95	4.18	4.42	4.69	4.98	5.0%
Unemployment Rate (percent)	5.41	4.95	4.57	5.07	5.38	5.74	6.14	6.40	6.55	6.48	6.38	6.25	6.13	6.02	5.86	5.91	5.97	6.00	5.98	5.82	5.75	5.74	5.72	5.65	5.59	N/A
Unit Sales Light-Duty Veh.(mill)	15.10	15.08	15.15	15.18	15.22	14.84	14.54	14.69	14.76	14.93	15.02	15.14	15.27	15.34	15.50	15.35	15.21	15.09	15.12	15.24	15.04	14.88	14.76	14.69	14.48	-0.2%
Millions of People																										
Pop. w/Armed Forces Overseas	265.8	268.2	270.1	271.8	273.5	275.2	276.9	278.5	280.1	281.8	283.4	285.1	286.8	288.5	290.2	292.0	293.8	295.6	297.4	299.2	301.0	302.8	304.6	306.5	308.4	0.6%
Population (aged 16 and over)	204.2	206.3	208.2	209.9	211.5	213.2	214.9	216.6	218.2	220.0	221.9	223.8	225.7	227.5	229.2	230.9	232.5	234.0	235.5	237.0	238.4	239.8	241.2	242.6	244.0	0.7%
Employment, Non-Agriculture	118.7	121.4	123.9	124.7	125.4	126.1	127.1	128.1	129.3	130.8	132.4	134.0	135.4	136.8	138.2	139.2	139.9	140.6	141.2	142.1	142.6	143.1	143.6	144.1	144.6	0.8%
Employment, Manufacturing	18.5	18.5	18.7	18.3	17.8	17.6	17.3	17.1	17.0	16.9	16.8	16.7	16.6	16.5	16.3	16.1	15.8	15.5	15.3	15.1	14.8	14.6	14.3	14.0	13.8	-1.3%
Labor Force	133.9	136.3	137.6	139.3	140.8	141.9	142.8	143.8	144.8	146.0	147.4	148.7	149.8	151.0	152.0	152.8	153.2	153.4	153.6	153.9	154.0	154.1	154.1	154.1	154.0	0.5%

GDP = Gross domestic product.

Btu = British thermal unit.

N/A = Not applicable.

Sources: 1996 and 1997: Data Resources Incorporated (DRI), DRI Trend0898. Projections: Energy Information Administration, AEO99 National Energy Modeling System run LMAC99.D100198A.

Table 21. International Petroleum Supply and Disposition Summary (Million Barrels per Day, Unless Otherwise Noted)																											
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
World Oil Price (1997 \$ / bbl) 1/	21.01	18.55	12.35	13.19	13.85	15.04	16.02	17.21	18.09	18.89	19.75	20.44	20.54	20.62	20.70	20.79	20.88	20.95	21.00	21.07	21.15	21.26	21.38	21.50	21.66	0.7%	
Production 2/																											
OECD																											
U.S. (50 states)	9.34	9.34	9.26	9.15	9.20	9.14	9.00	8.94	8.86	8.83	8.85	8.83	8.84	8.78	8.79	8.75	8.73	8.70	8.66	8.57	8.54	8.51	8.42	8.37	8.26	-0.5%	
Canada	2.47	2.59	2.70	2.75	2.84	2.91	2.97	3.05	3.12	3.19	3.21	3.24	3.26	3.29	3.31	3.32	3.33	3.34	3.34	3.35	3.36	3.36	3.37	3.37	3.38	1.2%	
Mexico	3.31	3.44	3.47	3.51	3.65	3.69	3.74	3.80	3.86	3.92	3.93	3.94	3.96	3.97	3.97	3.97	3.97	3.96	3.96	3.95	3.93	3.92	3.90	3.88	3.87	0.5%	
OECD Europe 3/	7.00	7.02	7.16	7.68	8.07	8.11	8.16	8.22	8.22	8.22	8.13	8.05	7.96	7.72	7.47	7.33	7.18	7.04	6.89	6.75	6.65	6.55	6.45	6.36	6.26	-0.5%	
Other OECD	0.78	0.83	0.82	0.86	0.88	0.88	0.89	0.89	0.90	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.80	-0.1%
Total OECD	22.90	23.21	23.41	23.96	24.63	24.73	24.77	24.89	24.95	25.06	25.04	24.97	24.93	24.66	24.46	24.27	24.10	23.92	23.73	23.49	23.33	23.18	22.97	22.79	22.56	-0.1%	
Developing Countries																											
Other South & Central America	3.26	3.40	3.60	3.86	4.02	4.10	4.18	4.26	4.36	4.45	4.54	4.64	4.73	4.75	4.77	4.80	4.83	4.85	4.88	4.90	4.92	4.93	4.95	4.96	4.97	1.7%	
Pacific Rim	2.09	2.17	2.15	2.29	2.36	2.45	2.55	2.65	2.76	2.87	2.92	2.98	3.04	3.10	3.16	3.18	3.21	3.21	3.22	3.23	3.24	3.24	3.24	3.25	3.25	1.8%	
OPEC	28.20	29.85	30.06	29.82	30.21	31.39	32.49	33.30	34.21	35.17	35.78	36.46	37.24	38.36	39.48	40.94	42.44	44.03	45.70	47.51	49.33	51.18	53.12	55.11	57.13	2.9%	
Other Developing Countries	4.54	4.58	4.66	4.84	4.87	5.04	5.22	5.40	5.59	5.78	5.89	6.00	6.11	6.22	6.33	6.43	6.52	6.62	6.72	6.82	6.92	7.02	7.12	7.22	7.32	2.1%	
Total Developing Countries	38.08	39.99	40.48	40.80	41.46	42.98	44.44	45.62	46.91	48.26	49.13	50.08	51.13	52.43	53.73	55.34	56.99	58.72	60.52	62.46	64.40	66.37	68.43	70.54	72.67	2.6%	
Eurasia																											
Former Soviet Union	7.08	7.13	7.21	7.30	7.39	7.77	8.17	8.57	8.99	9.41	9.93	10.46	10.99	11.51	12.03	12.15	12.27	12.39	12.50	12.62	12.73	12.84	12.95	13.07	13.18	2.7%	
Eastern Europe	0.26	0.25	0.25	0.28	0.30	0.31	0.32	0.33	0.34	0.35	0.37	0.38	0.39	0.41	0.42	0.43	0.43	0.44	0.44	0.44	0.43	0.43	0.43	0.42	0.42	2.2%	
China	3.13	3.20	3.19	3.25	3.30	3.32	3.34	3.36	3.39	3.42	3.45	3.48	3.51	3.54	3.56	3.59	3.62	3.61	3.60	3.60	3.57	3.54	3.52	3.49	3.46	0.3%	
Total Eurasia	10.48	10.58	10.65	10.83	10.99	11.40	11.82	12.26	12.72	13.18	13.74	14.32	14.89	15.46	16.02	16.17	16.32	16.44	16.55	16.65	16.74	16.82	16.90	16.98	17.06	2.1%	
Total Production	71.47	73.78	74.53	75.58	77.09	79.11	81.03	82.77	84.58	86.50	87.91	89.37	90.94	92.54	94.20	95.79	97.42	99.08	100.8	102.6	104.5	106.4	108.3	110.3	112.3	1.8%	
Consumption																											
OECD																											
U.S. (50 states)	18.31	18.62	18.77	19.08	19.85	20.06	20.20	20.28	20.40	20.59	20.81	21.01	21.25	21.43	21.62	21.72	21.82	21.90	22.01	22.14	22.23	22.32	22.41	22.50	22.54	0.8%	
U.S. Territories	0.26	0.20	0.20	0.20	0.20	0.24	0.27	0.30	0.33	0.37	0.37	0.37	0.37	0.38	0.38	0.39	0.40	0.40	0.41	0.42	0.43	0.44	0.45	0.46	0.47	3.8%	
Canada	1.80	1.86	1.93	2.00	2.06	2.09	2.11	2.12	2.12	2.12	2.13	2.14	2.15	2.17	2.19	2.21	2.24	2.26	2.29	2.32	2.35	2.38	2.41	2.45	2.48	1.3%	
Mexico	1.90	1.91	1.96	2.02	2.09	2.17	2.25	2.32	2.39	2.46	2.52	2.59	2.65	2.72	2.78	2.83	2.88	2.93	2.97	3.02	3.07	3.12	3.16	3.21	3.26	2.4%	
Japan	5.86	5.71	5.57	5.58	5.67	5.99	6.29	6.56	6.82	7.07	7.09	7.12	7.14	7.18	7.21	7.28	7.35	7.43	7.50	7.58	7.67	7.76	7.84	7.93	8.02	1.5%	
Australia and New Zealand	0.93	0.95	0.96	0.99	1.00	1.03	1.05	1.08	1.10	1.12	1.14	1.15	1.17	1.19	1.21	1.22	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.30	1.4%	
OECD Europe 3/	14.27	14.43	14.70	14.93	14.96	15.12	15.21	15.27	15.31	15.34	15.36	15.37	15.40	15.45	15.50	15.52	15.53	15.55	15.57	15.59	15.62	15.63	15.64	15.68	15.69	0.4%	
Total OECD	43.33	43.68	44.08	44.79	45.84	46.70	47.39	47.92	48.47	49.06	49.41	49.74	50.14	50.51	50.90	51.16	51.44	51.70	52.00	52.32	52.62	52.91	53.20	53.51	53.76	0.9%	
Developing Countries																											
Other South & Central America	3.54	3.77	4.03	4.26	4.37	4.63	4.88	5.14	5.40	5.67	5.85	6.04	6.23	6.43	6.64	6.84	7.05	7.27	7.49	7.71	7.95	8.20	8.45	8.70	8.97	3.8%	
Pacific Rim	4.55	4.77	4.66	4.72	4.75	5.06	5.37	5.68	6.00	6.35	6.52	6.72	6.93	7.15	7.38	7.64	7.90	8.18	8.46	8.74	9.06	9.38	9.70	10.04	10.38	3.4%	
OPEC	5.39	5.56	5.58	5.64	5.69	5.75	5.89	6.02	6.16	6.30	6.45	6.59	6.74	6.90	7.06	7.22	7.39	7.56	7.73	7.91	8.09	8.28	8.47	8.66	8.86	2.0%	
Other Developing Countries	5.35	5.50	5.58	5.65	5.76	6.09	6.41	6.73	7.05	7.36	7.53	7.69	7.85	8.03	8.20	8.38	8.56	8.75	8.94	9.14	9.35	9.57	9.79	10.01	10.24	2.7%	
Total Developing Countries	18.84	19.60	19.85	20.27	20.57	21.53	22.55	23.57	24.61	25.68	26.34	27.04	27.76	28.51	29.28	30.08	30.90	31.75	32.62	33.51	34.45	35.42	36.41	37.42	38.45	3.0%	

Table 21. International Petroleum Supply and Disposition Summary (Million Barrels per Day, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Eurasia																										
Former Soviet Union	4.38	4.43	4.60	4.79	4.98	5.00	5.02	5.05	5.09	5.16	5.31	5.46	5.62	5.78	5.96	6.11	6.27	6.42	6.57	6.71	6.86	7.01	7.16	7.32	7.47	2.3%
Eastern Europe	1.13	1.37	1.43	1.50	1.53	1.54	1.56	1.58	1.60	1.62	1.67	1.72	1.78	1.84	1.90	1.96	2.03	2.10	2.16	2.24	2.31	2.39	2.47	2.56	2.65	2.9%
China	3.55	3.88	4.07	4.29	4.47	4.65	4.81	4.96	5.11	5.28	5.49	5.71	5.95	6.20	6.47	6.77	7.08	7.41	7.76	8.12	8.52	8.93	9.36	9.80	10.26	4.3%
Total Eurasia	9.05	9.68	10.11	10.59	10.97	11.19	11.39	11.58	11.80	12.06	12.46	12.89	13.34	13.83	14.33	14.84	15.38	15.93	16.49	17.07	17.69	18.33	19.00	19.68	20.38	3.3%
Total Consumption	71.22	72.96	74.04	75.65	77.39	79.41	81.33	83.07	84.88	86.80	88.21	89.67	91.24	92.84	94.50	96.09	97.72	99.38	101.10	102.90	104.77	106.67	108.60	110.61	112.59	1.9%
Non-OPEC Production	43.27	43.94	44.47	45.77	46.88	47.72	48.54	49.47	50.37	51.33	52.14	52.91	53.70	54.18	54.73	54.85	54.98	55.05	55.10	55.09	55.13	55.18	55.17	55.19	55.16	1.0%
Net Eurasia Exports	1.42	0.91	0.54	0.24	0.02	0.21	0.43	0.68	0.91	1.12	1.28	1.43	1.54	1.63	1.69	1.33	0.94	0.51	0.06	-0.41	-0.96	-1.52	-2.10	-2.70	-3.32	N/A
OPEC Market Share	0.39	0.40	0.40	0.39	0.39	0.40	0.40	0.40	0.40	0.41	0.41	0.41	0.41	0.41	0.42	0.43	0.44	0.44	0.45	0.46	0.47	0.48	0.49	0.50	0.51	1.0%

1/ Average refiner acquisition cost of imported crude oil.

2/ Includes production of crude oil (including lease condensates), natural gas plant liquids, other hydrogen and hydrocarbons for refinery feedstocks, alcohol, liquids produced from coal and other sources, and refinery gains.

3/ OECD Europe includes the unified Germany.

N/A = Not applicable.

OECD = Organization for Economic Cooperation and Development - Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Japan, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, the United Kingdom, and the United States (including territories).

Pacific Rim = Hong Kong, Malaysia, Philippines, Singapore, South Korea, Taiwan, and Thailand.

OPEC = Organization of Petroleum Exporting Countries - Algeria, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela.

Eurasia = Albania, Bulgaria, China, Czech Republic, Hungary, Poland, Romania, Slovak Republic, the Former Soviet Union, and the Former Yugoslavia.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 1996 and 1997 data derived from: Energy Information Administration (EIA), Short-Term Energy Outlook, September 1998. Online <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/contents.html> (October 15, 1998). Projections: EIA, AEO99 National Energy Modeling System run LMAC99.D100198A.